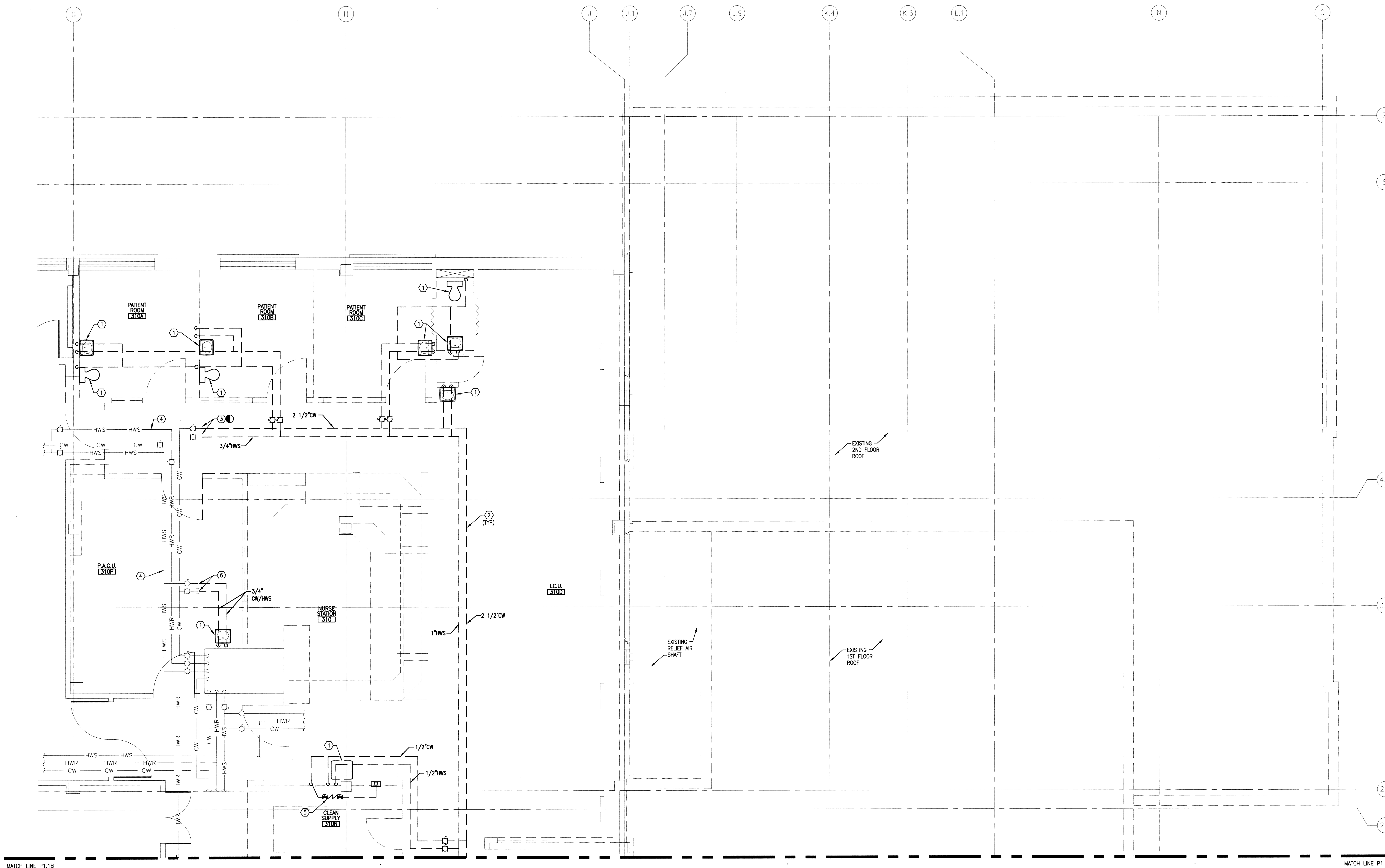


GENERAL SHEET NOTES

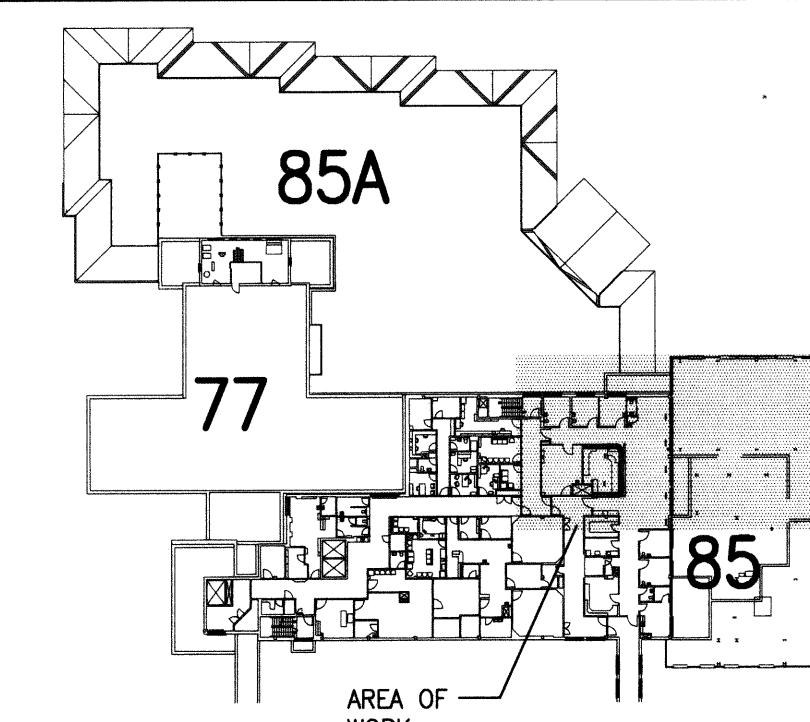
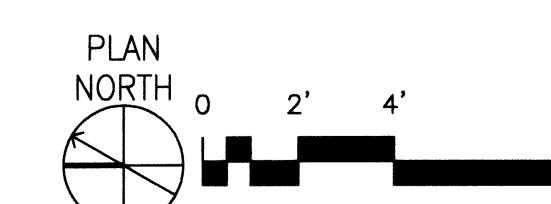
- AS APPLICABLE THIS CONTRACTOR SHALL VERIFY AND COORDINATE PLUMBING EQUIPMENT TO BE TURNED OVER TO OWNER.
- THIS CONTRACTOR SHALL VERIFY ALL AREAS SERVED BY PLUMBING SYSTEMS BEING REMOVED AND COORDINATE ALL DOWNTIME AND NEW SYSTEM ARRANGEMENTS WITH THE VA HOSPITAL. WORK MAY HAVE TO BE PERFORMED DURING NON-WORKING HOURS.
- THIS CONTRACTOR WHERE REQUIRED SHALL PROVIDE A TEMPORARY MEANS FOR KEEPING EXISTING PLUMBING SYSTEMS IN SERVICE WHILE DEMOLITION AND NEW WORK IS BEING DONE.
- CONTRACTOR SHALL FIELD VERIFY ALL PLUMBING ITEMS PRIOR TO COMMENCING NEW WORK. NO ADDITIONAL COSTS WILL BE ALLOWED FOR CONTRACTOR'S FAILURE TO BECOME FAMILIAR WITH ALL PLUMBING CONDITIONS.

SHEET KEYNOTES

- REMOVE EXISTING PLUMBING FIXTURE AND ASSOCIATED ROUGH-IN PLUMBING.
- REMOVE PLUMBING SHOWN BOLD AND DASHED ALONG WITH ASSOCIATED VALVES, STOPS AND INSULATION.
- REMOVE EXISTING PLUMBING BACK TO THIS POINT. SEE SHEET P2.2A FOR NEW WORK.
- EXISTING PLUMBING SHOWN LIGHT IS TO REMAIN.
- REMOVE EXISTING REDUCED PRESSURE BACKFLOW PREVENTER.
- CAP EXISTING PLUMBING.



P1 BUILDING 85 - THIRD FLOOR PLUMBING DEMOLITION PLAN - AREA 'A'
SCALE: 1/4" = 1'-0"



THIRD FLOOR KEY PLAN PLAN NORTH
NOT TO SCALE

FOR CONSTRUCTION

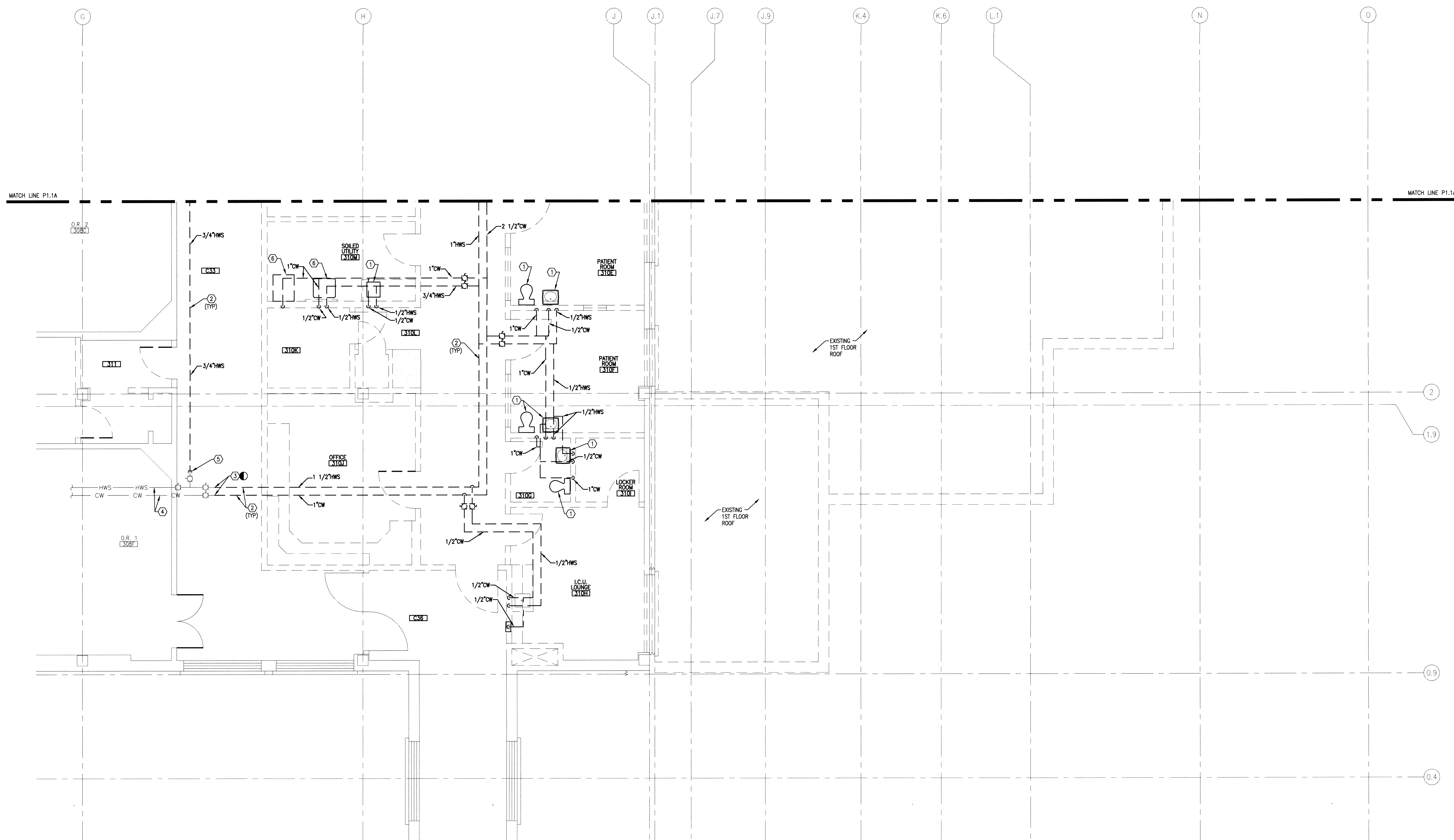
POWER ENGINEERS 2041 South Cobalt Point Way Meridian, Idaho 83642 208-288-6100		 565 W. Myrtle Street, Suite 225 Boise, Idaho 83702-7606	CAD FILE NAME: 531-317_P11A XREF FILE NAME: 85A3FL 85M3WA 531-317_xVAbord	DRAWING TITLE THIRD FLOOR PLUMBING DEMOLITION PLAN AREA 'A'	PROJECT TITLE REPLACE AND MODERNIZE SURGERY / INTENSIVE CARE UNIT	DATE 11/01/2011	 DEPARTMENT OF VETERANS AFFAIRS
			APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE APPROVED: MEDICAL CENTER DIRECTOR	BUILDING NUMBER 85	CHECKED JB	DRAWN JA	

GENERAL SHEET NOTES

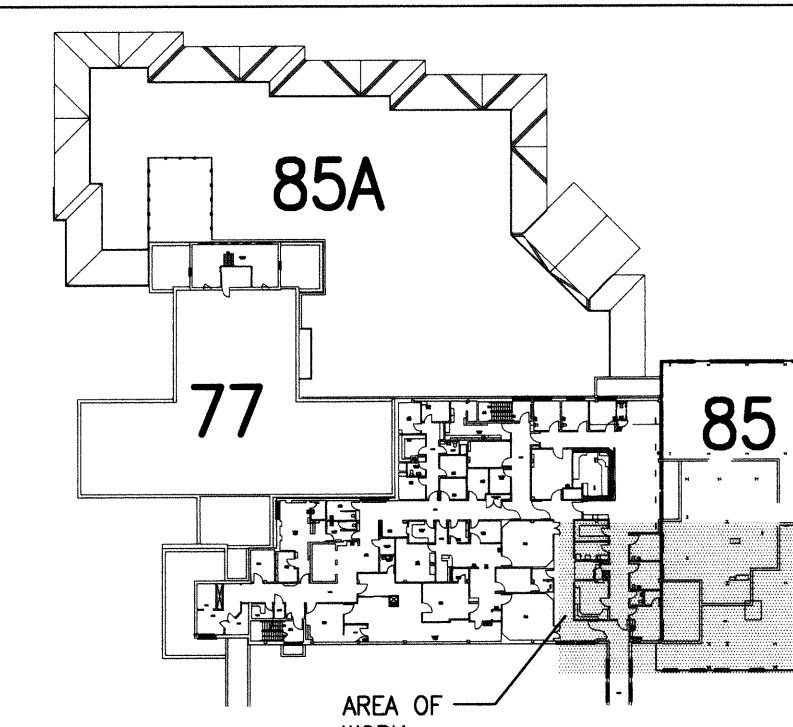
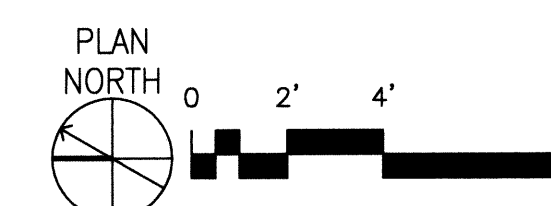
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- THIS CONTRACTOR WHERE REQUIRED SHALL PROVIDE A TEMPORARY MEANS FOR KEEPING EXISTING PLUMBING SYSTEMS IN SERVICE WHILE DEMOLITION AND NEW WORK IS BEING DONE.
- CONTRACTOR SHALL FIELD VERIFY ALL PLUMBING ITEMS PRIOR TO COMMENCING NEW WORK. NO ADDITIONAL COSTS WILL BE ALLOWED FOR CONTRACTOR'S FAILURE TO BECOME FAMILIAR WITH ALL PLUMBING CONDITIONS.

SHEET KEYNOTES

- REMOVE EXISTING PLUMBING FIXTURE AND ASSOCIATED ROUGH-IN PLUMBING.
- REMOVE PLUMBING SHOWN BOLD AND DASHED ALONG WITH ASSOCIATED VALVES, STOPS AND INSULATION.
- REMOVE EXISTING PLUMBING BACK TO THIS POINT. SEE SHEET P2.2B FOR NEW WORK.
- EXISTING PLUMBING SHOWN LIGHT IS TO REMAIN.
- CAP EXISTING PLUMBING.
- REMOVE AND RELOCATE EXISTING VERNACARE AND SOILED UTILITY SINK. SEE SHEET P2.2B FOR NEW LOCATION AND WORK.



P1 BUILDING 85 - THIRD FLOOR PLUMBING DEMOLITION PLAN - AREA 'B'
SCALE: 1/4" = 1'-0"

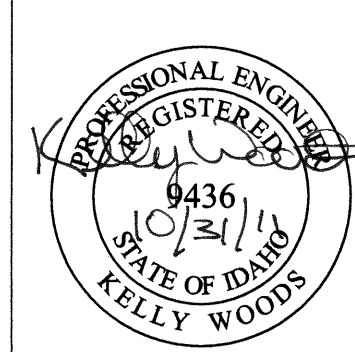


THIRD FLOOR KEY PLAN
NOT TO SCALE

FOR CONSTRUCTION

REVISIONS	DATE

POWER ENGINEERS
2041 South Cobalt Point Way
Meridian, Idaho 83642
208-288-6100



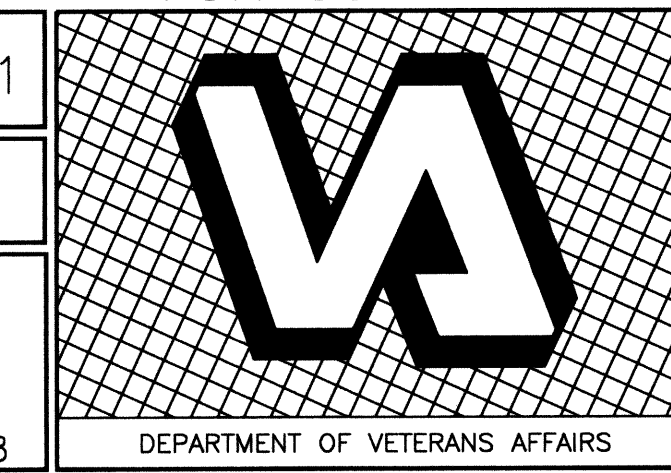
ZPA Architects and Planners, Chartered
565 W. Myrtle Street, Suite 225 Boise, Idaho 83702-7606

CAD FILE NAME:
531-317_P11B
XREF FILE NAME:
85A3FL
85M3WA

DRAWING TITLE THIRD FLOOR PLUMBING DEMOLITION PLAN AREA 'B'
APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE
APPROVED: MEDICAL CENTER DIRECTOR

PROJECT TITLE REPLACE AND MODERNIZE SURGERY / INTENSIVE CARE UNIT
BUILDING NUMBER 85
LOCATION VAMC BOISE, IDAHO

DATE 11/01/2011
PROJECT NO. 531-317
DRAWING NO. P1.1B
DWG 127 OF 188





A. AS APPLICABLE THIS CONTRACTOR SHALL VERIFY AND COORDINATE PLUMBING EQUIPMENT TO BE TURNED OVER TO OWNER.

B. THIS CONTRACTOR SHALL VERIFY ALL AREAS SERVED BY PLUMBING SYSTEMS BEING REMOVED AND COORDINATE ALL DOWNTIME AND NEW SYSTEM ARRANGEMENTS WITH THE VA HOSPITAL. WORK MAY HAVE TO BE PERFORMED DURING NON-WORKING HOURS.

C. THIS CONTRACTOR WHERE REQUIRED SHALL PROVIDE A TEMPORARY MEANS FOR KEEPING EXISTING PLUMBING SYSTEMS IN SERVICE WHILE DEMOLITION AND NEW WORK IS BEING DONE.

D. CONTRACTOR SHALL FIELD VERIFY ALL PLUMBING ITEMS PRIOR TO COMMENCING NEW WORK. NO ADDITIONAL COSTS WILL BE ALLOWED FOR CONTRACTOR'S FAILURE TO BECOME FAMILIAR WITH THE PLUMBING CONDITION.

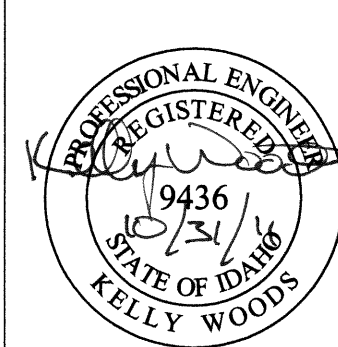
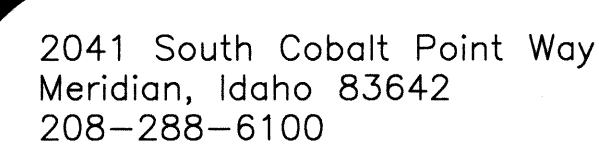
1. REMOVE EXISTING UNDERGROUND STORM SEWER. COORDINATE REMOVAL WITH CIVIL CONTRACTOR.
2. REMOVE EXISTING STORM SEWER RISER CONNECTION FROM ROOF DRAIN ABOVE. SEE SHEET P1.5 FOR CONTINUATION OF DEMOLITION WORK.
3. REMOVE EXISTING CLEAN-OUT TO GRADE.
4. REMOVE EXISTING UNDERGROUND SANITARY SEWER SERVING DECONTAMINATION TANK. COORDINATE REMOVAL WITH CIVIL CONTRACTOR.
5. REMOVE EXISTING UNDERGROUND VENT AND VENT RISER.
6. EXISTING 5" STORM SEWER DOWN FROM SECOND FLOOR RISER TO REMAIN. SEE SHEET P2.4 FOR NEW WORK.
7. EXISTING SANITARY SEWER TO REMAIN. COORDINATE SHORING OF EXCAVATION FOR PLACEMENT OF NEW STRUCTURAL FOOTING WITH STRUCTURAL CONTRACTOR. INFORM CIVIL CONTRACTOR/OWNER OF ANY CONFLICTS. SEWER MUST REMAIN ACTIVE DURING NEW CONSTRUCTION.
8. CAP EXISTING SANITARY SEWER BELOW GRADE.
9. REMOVE EXISTING SANITARY SEWER AND VENT SERVING EXISTING PLUMBING FIXTURE. CAP SANITARY SEWER BELOW GRADE.
10. REMOVE EXISTING SANITARY SEWER BELOW GRADE BACK TO THIS LOCATION. SEE SHEET P2.4 FOR NEW WORK.
11. EXISTING SANITARY PIPING SHOWN LIGHT IS TO REMAIN.
12. REMOVE EXISTING STORM SEWER AND VENT SHOWN BOLD AND DASHED ALONG WITH, PLUMBING HANGERS AND INSULATION IF APPLICABLE.
13. REMOVE EXISTING VENT RISER CONNECTION FROM VENT RISER SEE SHEET P1.5 FOR CONTINUATION OF DEMOLITION WORK.
14. REMOVE EXISTING DOWNSPOUT COORDINATE REMOVAL WITH GENERAL CONTRACTOR.
15. PATCH AND SEAL EXISTING WALL PENETRATIONS AT EXISTING ELECTRICAL ROOM TO MAINTAIN EXISTING FIRE RATING. COORDINATE REPAIR WORK WITH GENERAL CONTRACTOR.
16. SANITARY SEWER UP FROM SEWAGE EJECTOR PUMP SYSTEM AT BASEMENT INSIDE EXISTING EXHAUST AIR SHaft.
17. COORDINATE REMOVAL OF SANITARY SEWER WITH VA AND CIVIL CONTRACTOR. REFERENCE KEYED NOTE NUMBER 7.



FOR CONSTRUCTION



DEPARTMENT OF VETERANS AFFAIRS



Architects and Planners, Chartered
565 W. Myrtle Street, Suite 225 Boise, Idaho 83702-7606

CAD FILE NAME:
531-317_P12

XREF FILE NAME:
85A1FL
85P1WV

DRAWING TITLE
FIRST FLOOR SANITARY
DEMOLITION PLAN

APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE

APPROVED: MEDICAL CENTER DIRECTOR

PROJECT TITLE	REPLACE AND MODERNIZE SURGERY / INTENSIVE CARE UNIT
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	BUILDING NUMBER

LOCATION	VAMC BOISE, IDAHO
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DATE	11/01/2011
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PROJECT NO.
531-317

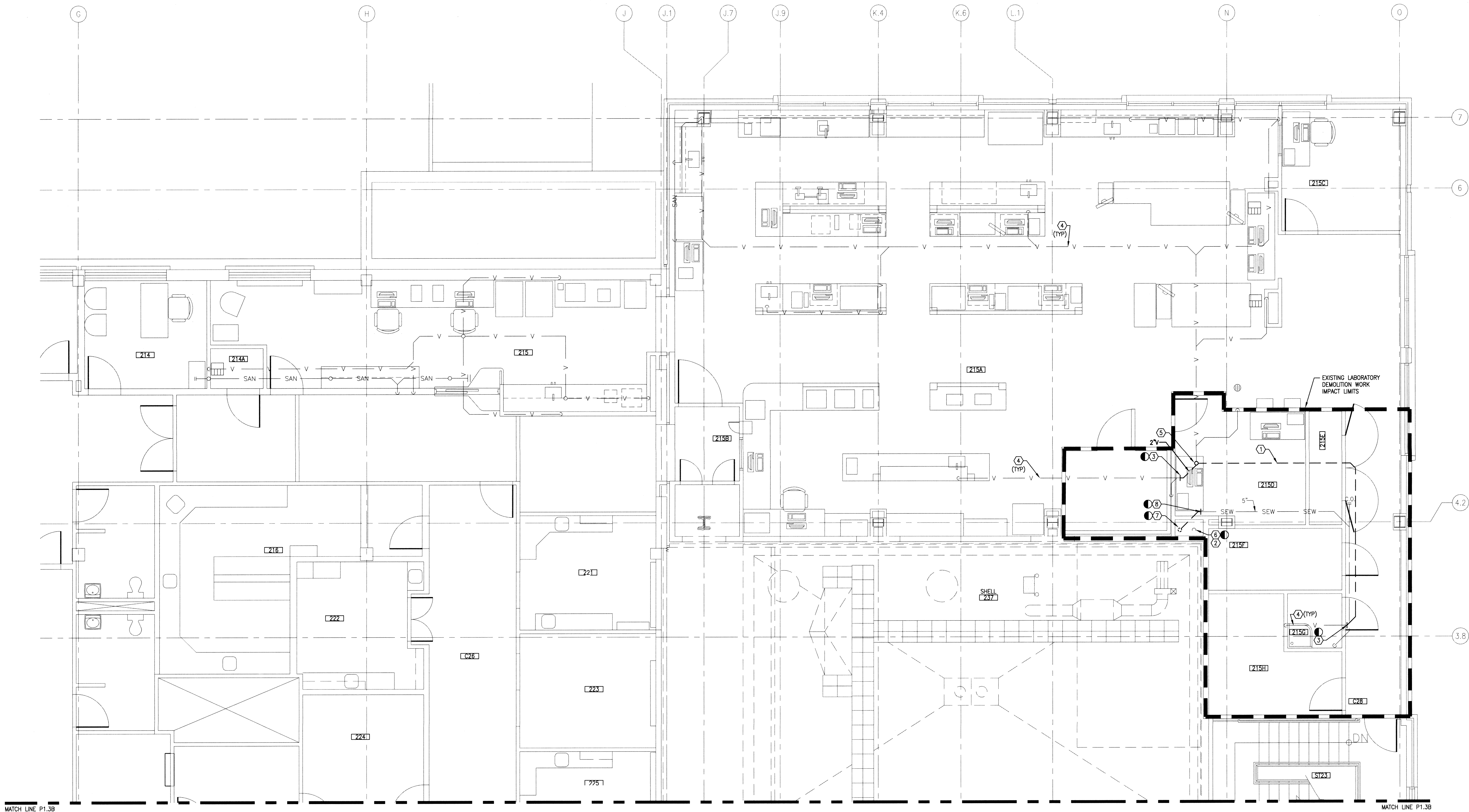
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P1.2

DWG 128 OF 188

REVISIONS:

DATE _____



GENERAL SHEET NOTES

A. AS APPLICABLE THIS CONTRACTOR SHALL VERIFY AND COORDINATE PLUMBING EQUIPMENT TO BE TURNED OVER TO OWNER.

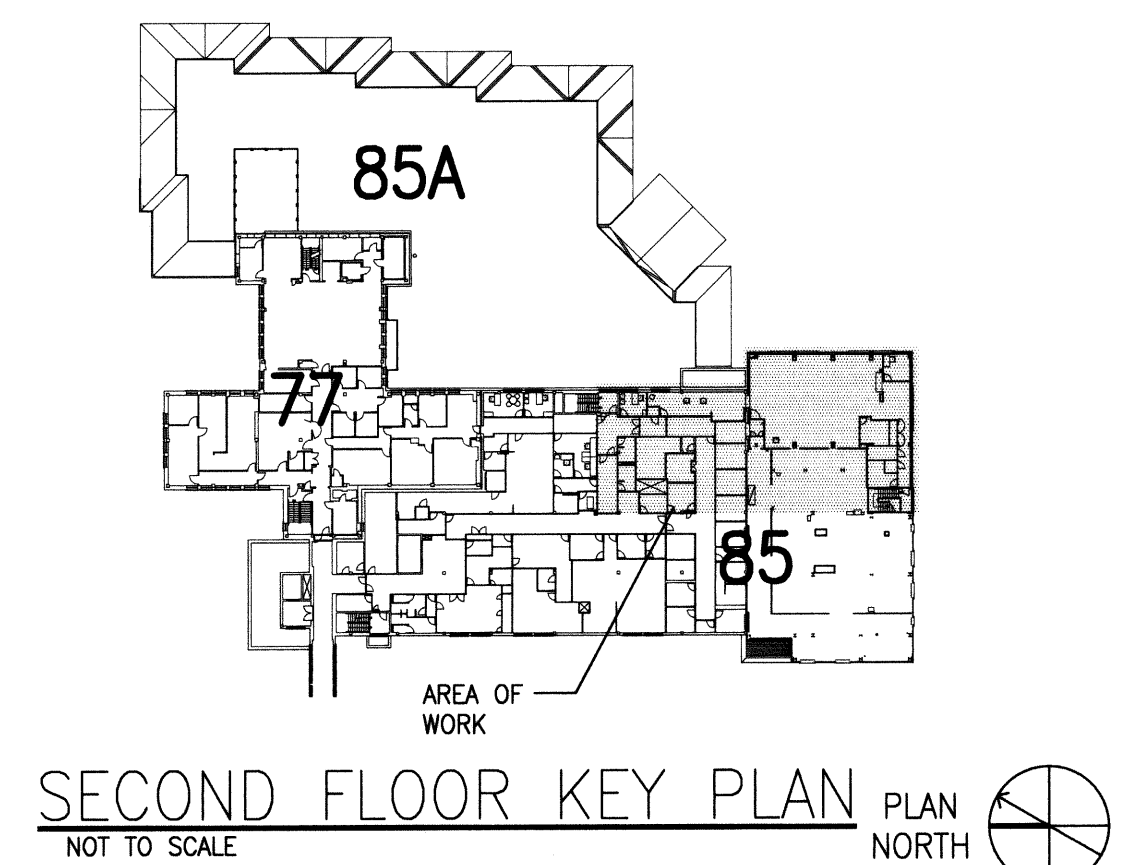
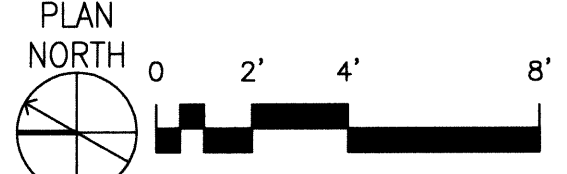
B. THIS CONTRACTOR SHALL VERIFY ALL AREAS SERVED BY PLUMBING SYSTEMS BEING REMOVED AND COORDINATE ALL DOWNTIME AND NEW SYSTEM ARRANGEMENTS WITH THE VA HOSPITAL. WORK MAY HAVE TO BE PERFORMED DURING NON-WORKING HOURS.


C. THIS CONTRACTOR WHERE REQUIRED SHALL PROVIDE A TEMPORARY MEANS FOR KEEPING EXISTING PLUMBING SYSTEMS IN SERVICE WHILE DEMOLITION AND NEW WORK IS BEING DONE.

D. CONTRACTOR SHALL FIELD VERIFY ALL PLUMBING ITEMS PRIOR TO COMMENCING NEW WORK. NO ADDITIONAL COSTS WILL BE ALLOWED FOR CONTRACTOR'S FAILURE TO BECOME FAMILIAR WITH ALL PLUMBING CONDITIONS.

- SHEET KEYNOTES**
1. REMOVE EXISTING VENT PIPING SHOWN BOLD AND DASHED ALONG WITH ASSOCIATED PIPE HANGERS.
 2. EXISTING 5" STORM WATER PRIMARY DRAIN TO FIRST FLOOR TO REMAIN.
 3. REMOVE EXISTING VENT BACK TO THIS POINT. SEE SHEET P2.5A FOR NEW WORK. COORDINATE VENT REMOVAL WITH EXISTING LABORATORY OPERATION.
 4. EXISTING SANITARY PIPING SHOW LIGHT IS TO REMAIN.
 5. REMOVE EXISTING VENT RISER. SEE SHEET P1.5 FOR CONTINUATION OF DEMOLITION WORK.
 6. REMOVE EXISTING STORM WATER RISER AT ROOF TO 12" BELOW ROOF DECK. SEE P1.5 FOR CONTINUATION OF DEMOLITION WORK. SEE SHEET P2.5A FOR NEW WORK.
 7. REMOVE EXISTING STORM WATER OVERFLOW RISER AT ROOF BELOW ROOF DECK. SEE P1.5 FOR CONTINUATION OF DEMOLITION WORK. SEE SHEET P2.5A FOR NEW WORK.
 8. REMOVE EXISTING STORM WATER OVERFLOW PIPING BACK TO THIS LOCATION. SEE SHEET P2.5A FOR NEW WORK.

P1 BUILDING 85 - SECOND FLOOR SANITARY DEMOLITION PLAN - AREA 'A'



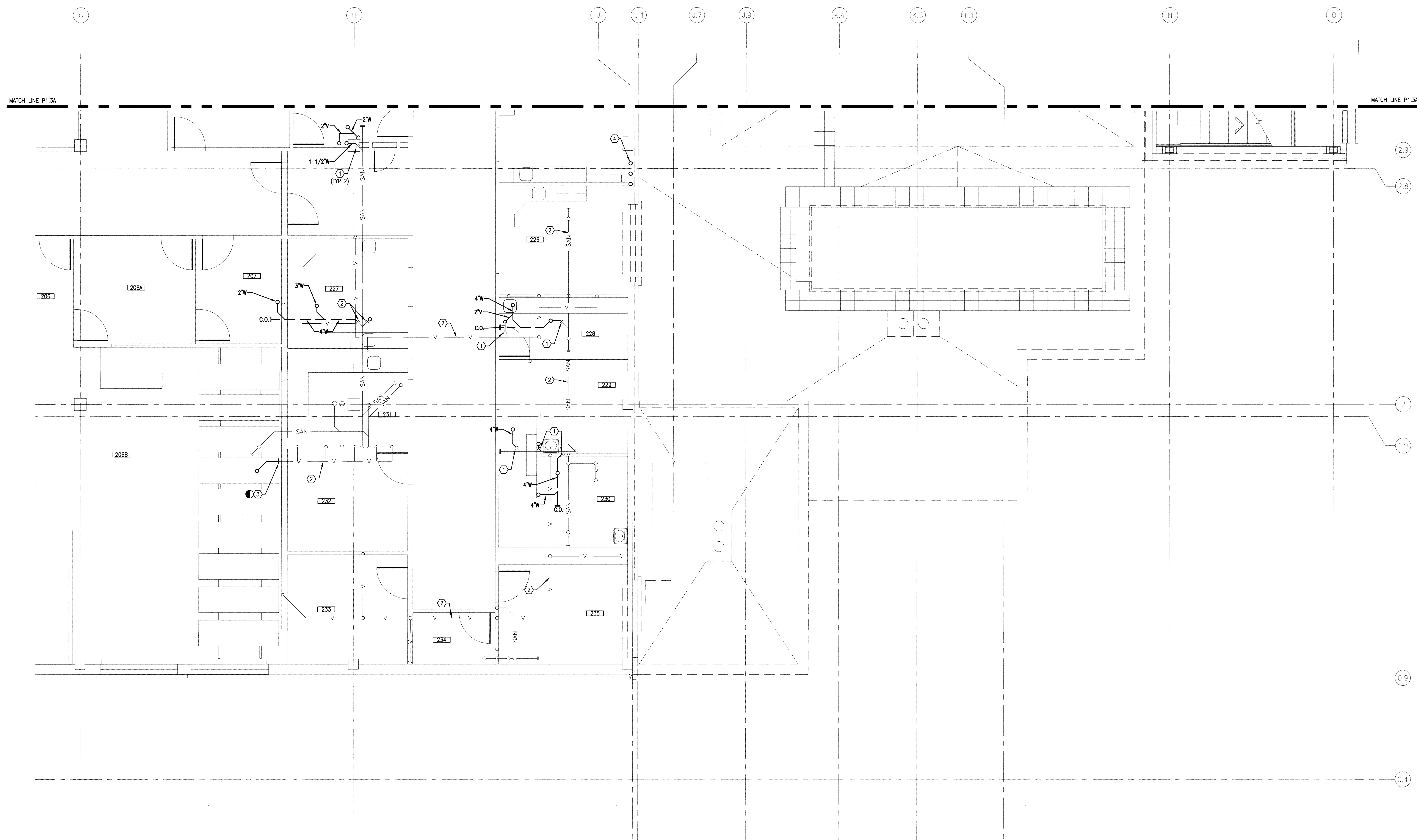
REVISIONS	DATE	 POWER ENGINEERS 2041 South Cobalt Point Way Meridian, Idaho 83642 208-288-6100		 ZSA Architects and Planners, Chartered 565 W. Myrtle Street, Suite 225 Boise, Idaho 83702-7606	CAD FILE NAME: 531-317_P13A XREF FILE NAME: 85A2FL 85P2WV 531-317_xVAbord	DRAWING TITLE SECOND FLOOR SANITARY DEMOLITION PLAN AREA 'A'		PROJECT TITLE REPLACE AND MODERNIZE SURGERY / INTENSIVE CARE UNIT		DATE 11/01/2011		 DEPARTMENT OF VETERANS AFFAIRS
						APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE	BUILDING NUMBER 85	CHECKED JB	DRAWN JA	PROJECT NO. 531-317	DRAWING NO. P1.3A	
						APPROVED: MEDICAL CENTER DIRECTOR	LOCATION VAMC BOISE, IDAHO					

GENERAL SHEET NOTES

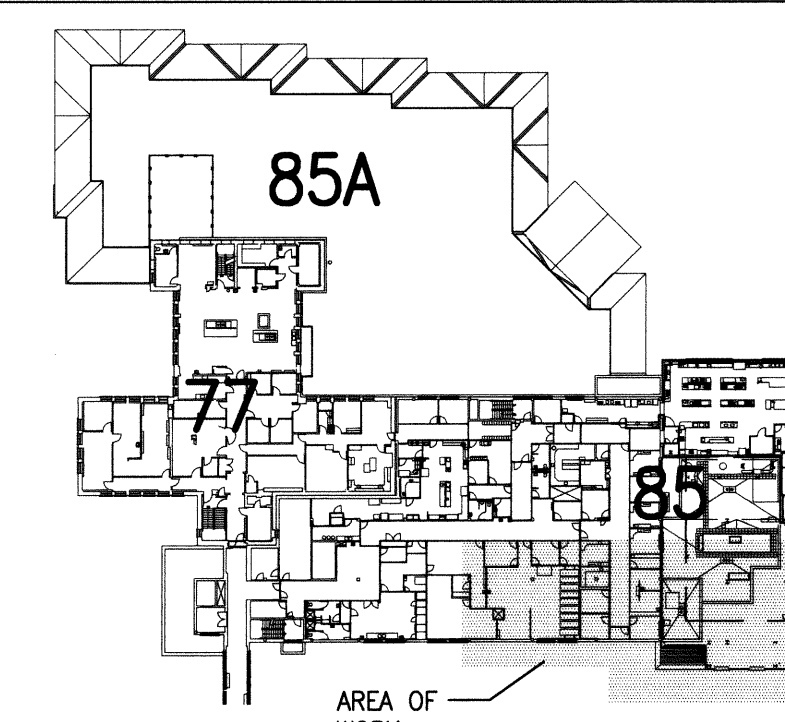
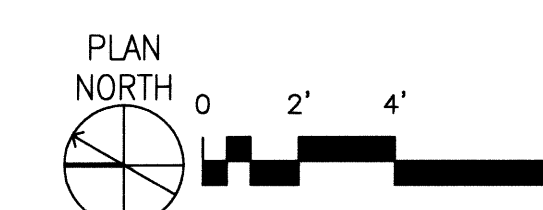
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- C. THIS CONTRACTOR WHERE REQUIRED SHALL PROVIDE A TEMPORARY MEANS FOR KEEPING EXISTING PLUMBING SYSTEMS IN SERVICE WHILE DEMOLITION AND NEW WORK IS BEING DONE.
- D. CONTRACTOR SHALL FIELD VERIFY ALL PLUMBING ITEMS PRIOR TO COMMENCING NEW WORK. NO ADDITIONAL COSTS WILL BE ALLOWED FOR CONTRACTOR'S FAILURE TO BECOME FAMILIAR WITH ALL PLUMBING CONDITIONS.

SHEET KEYNOTES

1. CAP EXISTING SANITARY WASTE/VENT PIPING SERVING EXISTING FIXTURES AT THIRD FLOOR. SEE SHEET P1.4B FOR CONTINUATION OF DEMOLITION WORK COORDINATE REMOVAL OF PIPING WITH VA.
2. EXISTING SANITARY PIPING SHOWN LIGHT IS TO REMAIN.
3. REMOVE EXISTING VENT BACK TO THIS POINT. SEE SHEET P2.5B FOR NEW WORK.
4. REMOVE EXISTING SEWAGE EJECTOR, VAC PUMP AND ORAL EVAC VENT RISERS AT THIRD FLOOR. PENETRATION. SEE SHEET P1.4B FOR CONTINUATION OF DEMOLITION WORK AND SHEET P2.5A FOR NEW WORK.



P1 BUILDING 85 - SECOND FLOOR SANITARY DEMOLITION PLAN - AREA 'B'
SCALE: 1/4" = 1'-0"

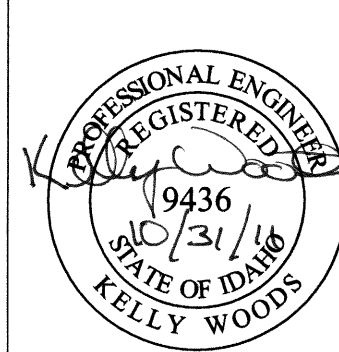


SECOND FLOOR KEY PLAN
NOT TO SCALE

FOR CONSTRUCTION

REVISIONS	DATE

POWER ENGINEERS
2041 South Cobalt Point Way
Meridian, Idaho 83642
208-288-6100



ZSA Architects and Planners, Chartered
565 W. Myrtle Street, Suite 225 Boise, Idaho 83702-7606

CAD FILE NAME:
531-317_P13B
XREF FILE NAME:
85A2FL
85P3WV

DRAWING TITLE
SECOND FLOOR SANITARY
DEMOLITION PLAN
AREA 'B'

APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE

APPROVED: MEDICAL CENTER DIRECTOR

PROJECT TITLE
REPLACE AND MODERNIZE
SURGERY / INTENSIVE
CARE UNIT

BUILDING NUMBER

85

CHECKED

JB

DRAWN

JA

LOCATION

VAMC BOISE, IDAHO

DATE
11/01/2011

PROJECT NO.
531-317

DRAWING NO.

P1.3B

DWG 130 of 188

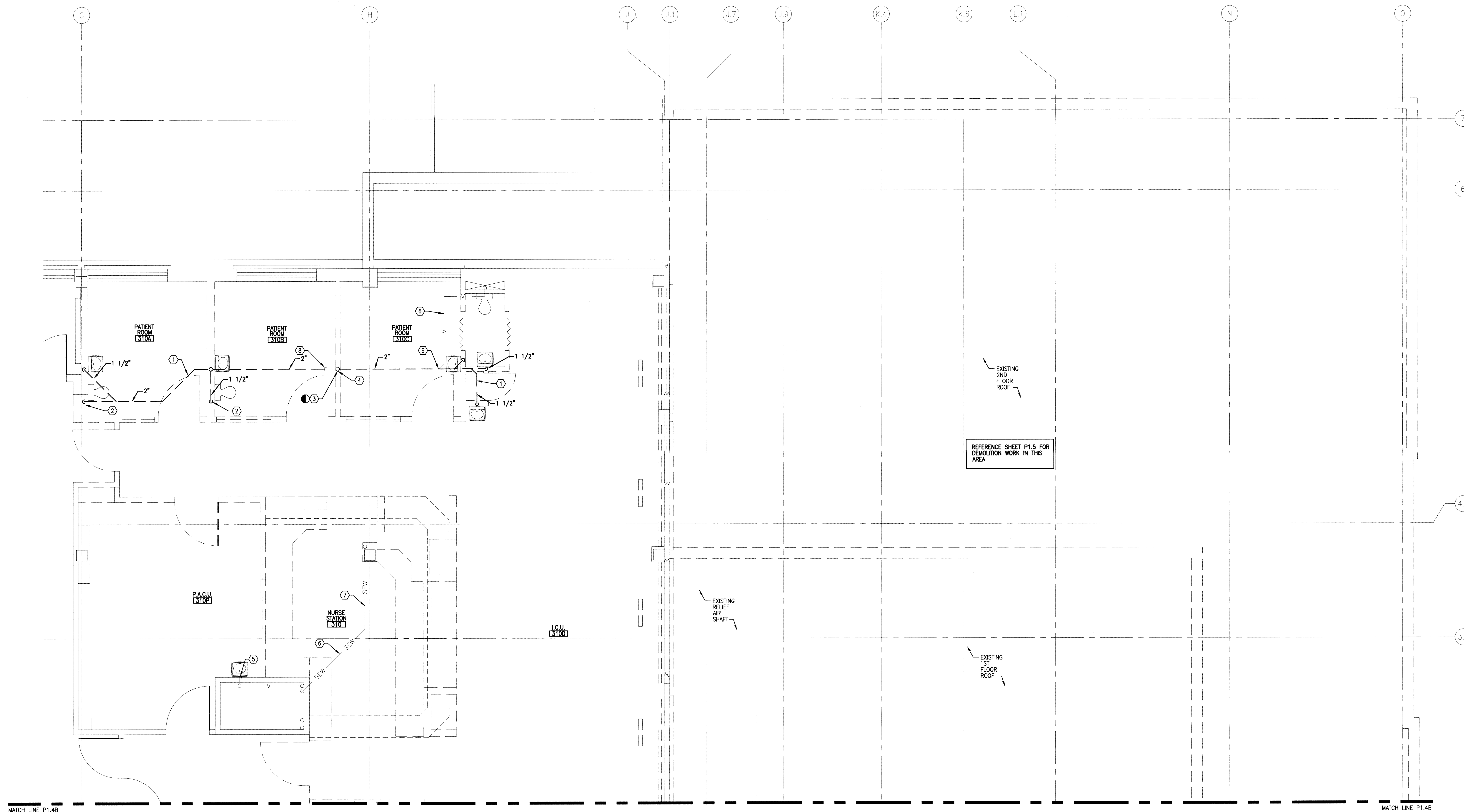


GENERAL SHEET NOTES

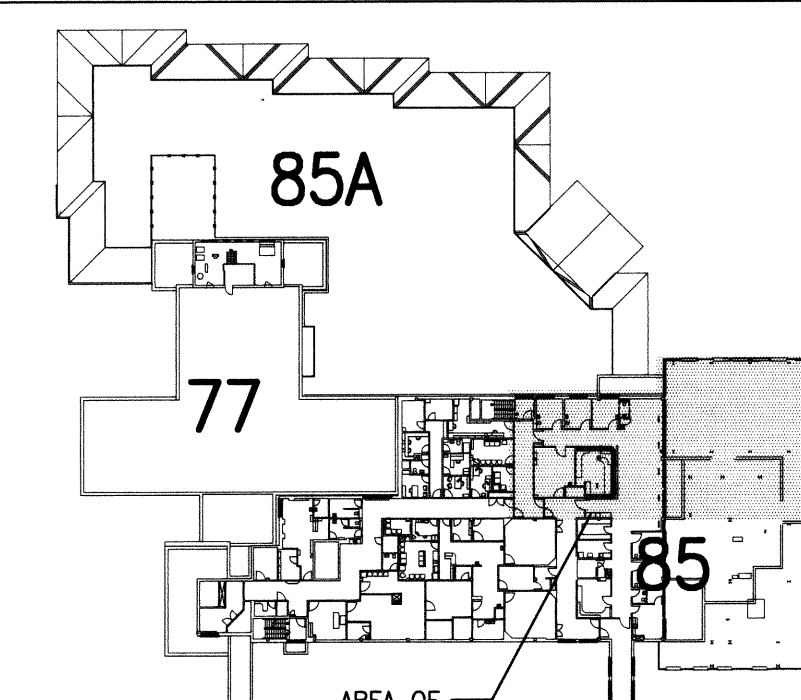
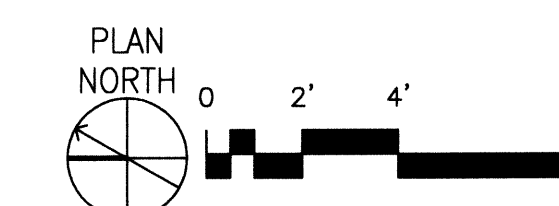
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- C. THIS CONTRACTOR WHERE REQUIRED SHALL PROVIDE A TEMPORARY MEANS FOR KEEPING EXISTING PLUMBING SYSTEMS IN SERVICE WHILE DEMOLITION AND NEW WORK IS BEING DONE.
- D. CONTRACTOR SHALL FIELD VERIFY ALL PLUMBING ITEMS PRIOR TO COMMENCING NEW WORK. NO ADDITIONAL COSTS WILL BE ALLOWED FOR CONTRACTOR'S FAILURE TO BECOME FAMILIAR WITH ALL PLUMBING CONDITIONS.

SHEET KEYNOTES

1. REMOVE EXISTING VENT PIPING SHOWN BOLD AND DASHED ALONG WITH ASSOCIATED PIPE HANGERS.
2. REMOVE EXISTING VENT PIPING DOWN TO SECOND FLOOR AND COMPLETE REMOVAL TO EXISTING PLUMBING FIXTURE. PATCH AND SEAL EXISTING FLOOR PENETRATIONS TO MAINTAIN EXISTING FIRE RATING. COORDINATE FLOOR REPAIR WORK WITH GENERAL CONTRACTOR AND ARCHITECTURAL DRAWINGS.
3. REMOVE EXISTING VENT BACK TO THIS POINT. SEE SHEET P2.6A FOR NEW WORK.
4. EXISTING 2 1/2" VENT THROUGH ROOF TO REMAIN.
5. CAP EXISTING VENT AT SHAFT WALL. PATCH AND REPAIR SHAFT WALL TO MAINTAIN 2 HOUR FIRE RATING.
6. EXISTING SANITARY PIPING SHOWN LIGHT IS TO REMAIN.
7. COORDINATE ACTUAL FIELD LOCATION OF EXISTING STORM SEWER WITH NEW FIRE RATED WALL ASSEMBLY AT NEW CLEAN SUPPLY ROOM SHOWN ON SHEET P2.6A AND RELOCATE AS REQUIRED AND/OR NECESSARY TO ALLOW FOR NEW CONSTRUCTION.
8. CAP EXISTING VENT AT THIS LOCATION.
9. VERIFY EXISTING VENT CONNECTIONS TO SECOND FLOOR FIXTURES AND SCHEDULE DISCONNECTION OF SERVICE WITH VA PRIOR TO COMMENCING DEMOLITION WORK. SEE SHEET P2.6A FOR NEW WORK.

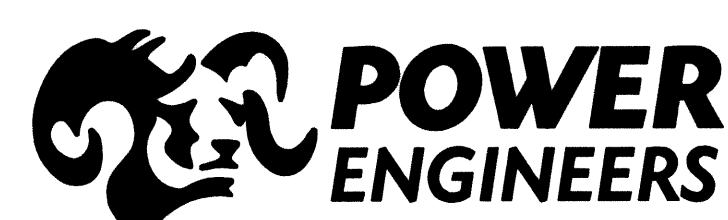


P1 BUILDING 85 - THIRD FLOOR SANITARY DEMOLITION PLAN - AREA 'A'
SCALE: 1/4" = 1'-0"

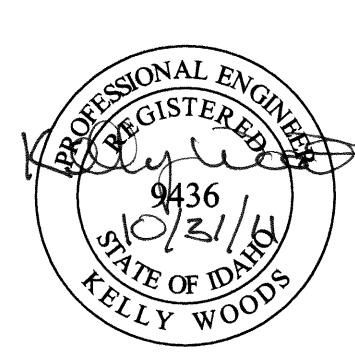


THIRD FLOOR KEY PLAN
NOT TO SCALE

FOR CONSTRUCTION



2041 South Cobalt Point Way
Meridian, Idaho 83642
208-288-6100



Architects and Planners, Chartered
565 W. Myrtle Street, Suite 225 Boise, Idaho 83702-7606

CAD FILE NAME:
531-317_P14A
XREF FILE NAME:
85A3FL
85P3WV

DRAWING TITLE
THIRD FLOOR SANITARY
DEMOLITION PLAN
AREA 'A'

APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE

APPROVED: MEDICAL CENTER DIRECTOR

PROJECT TITLE
REPLACE AND MODERNIZE
SURGERY / INTENSIVE
CARE UNIT

BUILDING NUMBER
85

LOCATION
VAMC BOISE, IDAHO

CHECKED
JB

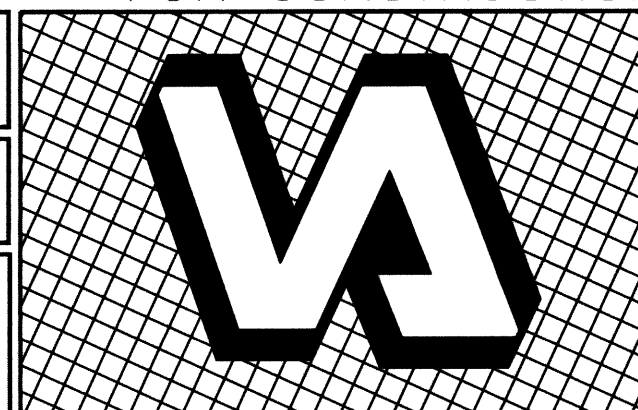
DRAWN
JA

DATE
11/01/2011

PROJECT NO.
531-317

DRAWING NO.
P1.4A

DWG 131 OF 188



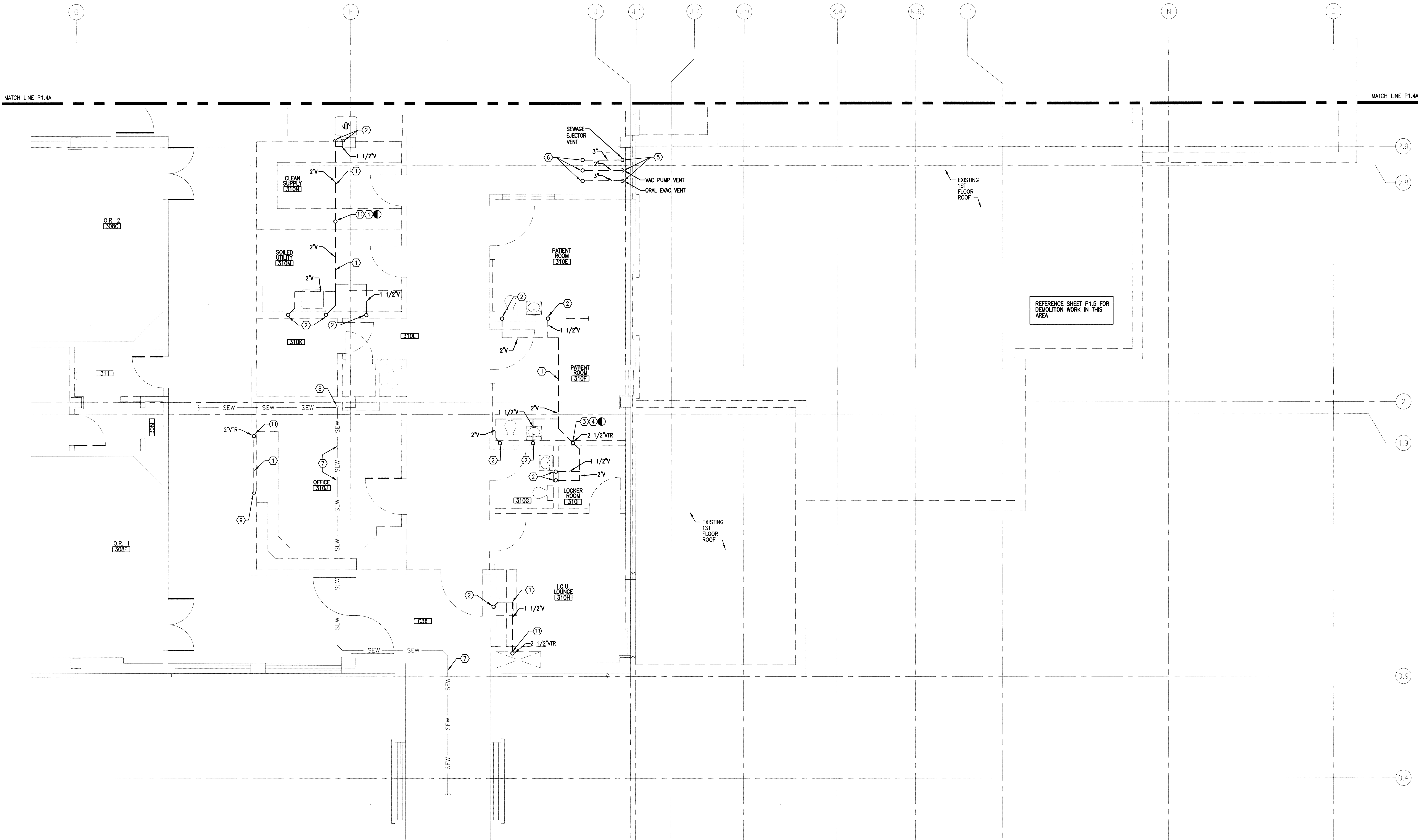
DEPARTMENT OF VETERANS AFFAIRS

GENERAL SHEET NOTES

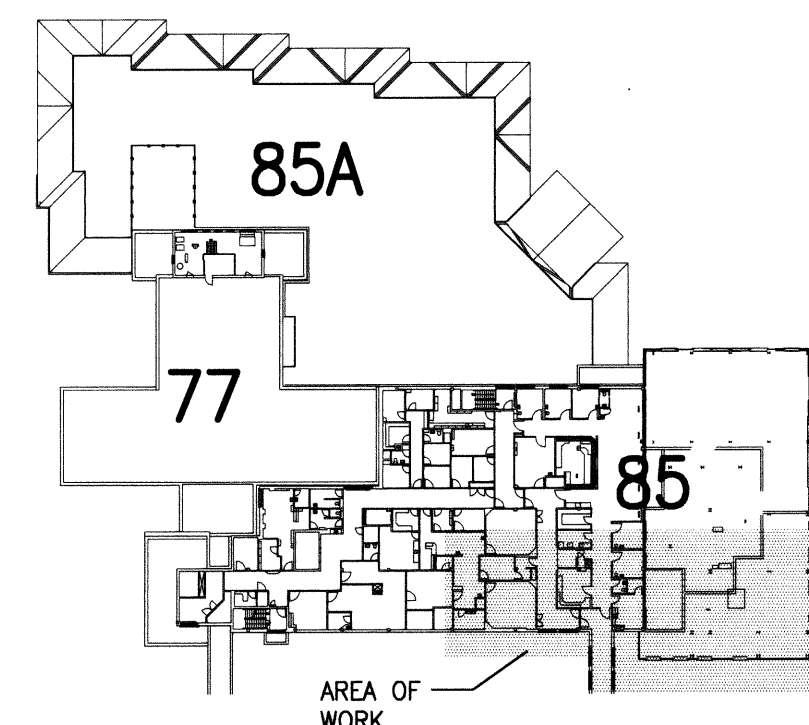
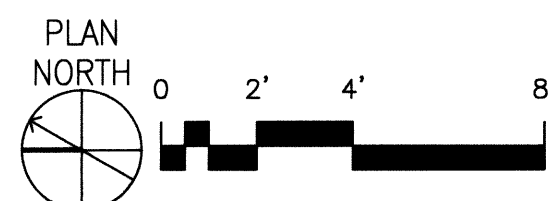
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- CONTRACTOR SHALL FIELD VERIFY ALL PLUMBING ITEMS PRIOR TO COMMENCING NEW WORK. NO ADDITIONAL COSTS WILL BE ALLOWED FOR CONTRACTOR'S FAILURE TO BECOME FAMILIAR WITH ALL PLUMBING CONDITIONS.

SHEET KEYNOTES

- REMOVE EXISTING VENT PIPING SHOWN BOLD AND DASHED ALONG WITH ASSOCIATED PIPE HANGERS.
- REMOVE EXISTING VENT AND SANITARY WASTE PIPING DOWN TO SECOND FLOOR AND COMPLETE REMOVAL TO EXISTING PLUMBING FIXTURE. PATCH AND SEAL EXISTING FLOOR PENETRATIONS TO MAINTAIN EXISTING FIRE RATING. COORDINATE FLOOR REPAIR WORK WITH GENERAL CONTRACTOR.
- REMOVE EXISTING VENT BACK TO THIS POINT. SEE SHEET P2.6B FOR NEW WORK.
- EXISTING 2 1/2" VENT THROUGH ROOF TO REMAIN.
- EXISTING SEWAGE EJECTOR VAC PUMP AND ORAL EVAC VENTS ARE TO BE REMOVED AND RELOCATED. REMOVE VENTS DOWN TO SECOND FLOOR. PATCH AND SEAL EXISTING FLOOR PENETRATION TO MAINTAIN EXISTING FIRE RATING. COORDINATE FLOOR REPAIR WORK WITH GENERAL CONTRACTOR. SEE SHEET P1.3B FOR CONTINUATION OF DEMOLITION WORK AND P2.5A FOR NEW WORK.
- REMOVE EXISTING SEWAGE EJECTOR, VAC PUMP AND ORAL EVAC VENTS THROUGH ROOF. SEE SHEET P1.5 FOR CONTINUATION OF DEMOLITION WORK.
- EXISTING SANITARY PIPING SHOW LIGHT IS TO REMAIN.
- EXISTING 6" STORM SEWER DOWN TO SECOND FLOOR COORDINATE EXISTING RISER LOCATION WITH LAY-OUT OF NEW OPERATING SUITE. SEE SHEET P2.6B FOR SUITE LAY-OUT.
- REMOVE EXISTING VENT PIPING DOWN TO SECOND FLOOR. PATCH AND SEAL EXISTING FLOOR PENETRATIONS TO MAINTAIN EXISTING FIRE RATING. COORDINATE FLOOR REPAIR WORK WITH GENERAL CONTRACTOR.
- CAP EXISTING VENT AT THIS LOCATION.
- REMOVE EXISTING VENT THROUGH ROOF AT THIS LOCATION. COORDINATE ROOF REPAIR WITH GENERAL CONTRACTOR. SEE SHEET P1.5 FOR CONTINUATION.



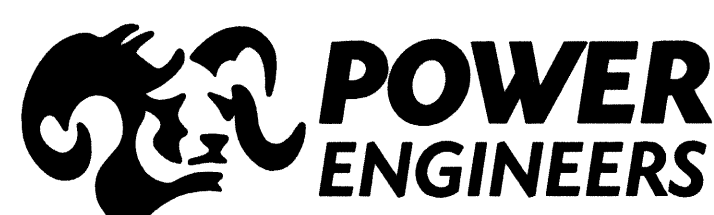
P1 BUILDING 85 - THIRD FLOOR SANITARY DEMOLITION PLAN - AREA 'B'
SCALE: 1/4" = 1'-0"



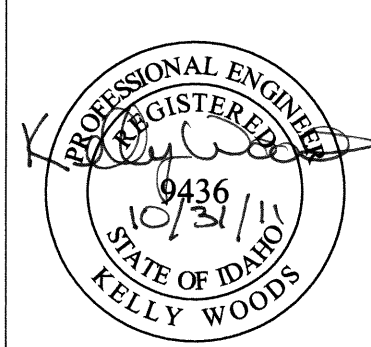
THIRD FLOOR KEY PLAN
NOT TO SCALE



FOR CONSTRUCTION



2041 South Cobalt Point Way
Meridian, Idaho 83642
208-288-6100



Architects and Planners, Chartered
565 W. Myrtle Street, Suite 225 Boise, Idaho 83702-7606

CAD FILE NAME:
531-317_P14B
XREF FILE NAME:
85A3FL
85P3WV
531-317_xVAbord

DRAWING TITLE
THIRD FLOOR SANITARY
DEMOLITION PLAN
AREA 'B'

APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE

APPROVED: MEDICAL CENTER DIRECTOR

PROJECT TITLE
REPLACE AND MODERNIZE
SURGERY / INTENSIVE
CARE UNIT

BUILDING NUMBER
85

CHECKED
JB

DRAWN
JA

LOCATION
VAMC BOISE, IDAHO

DATE
11/01/2011

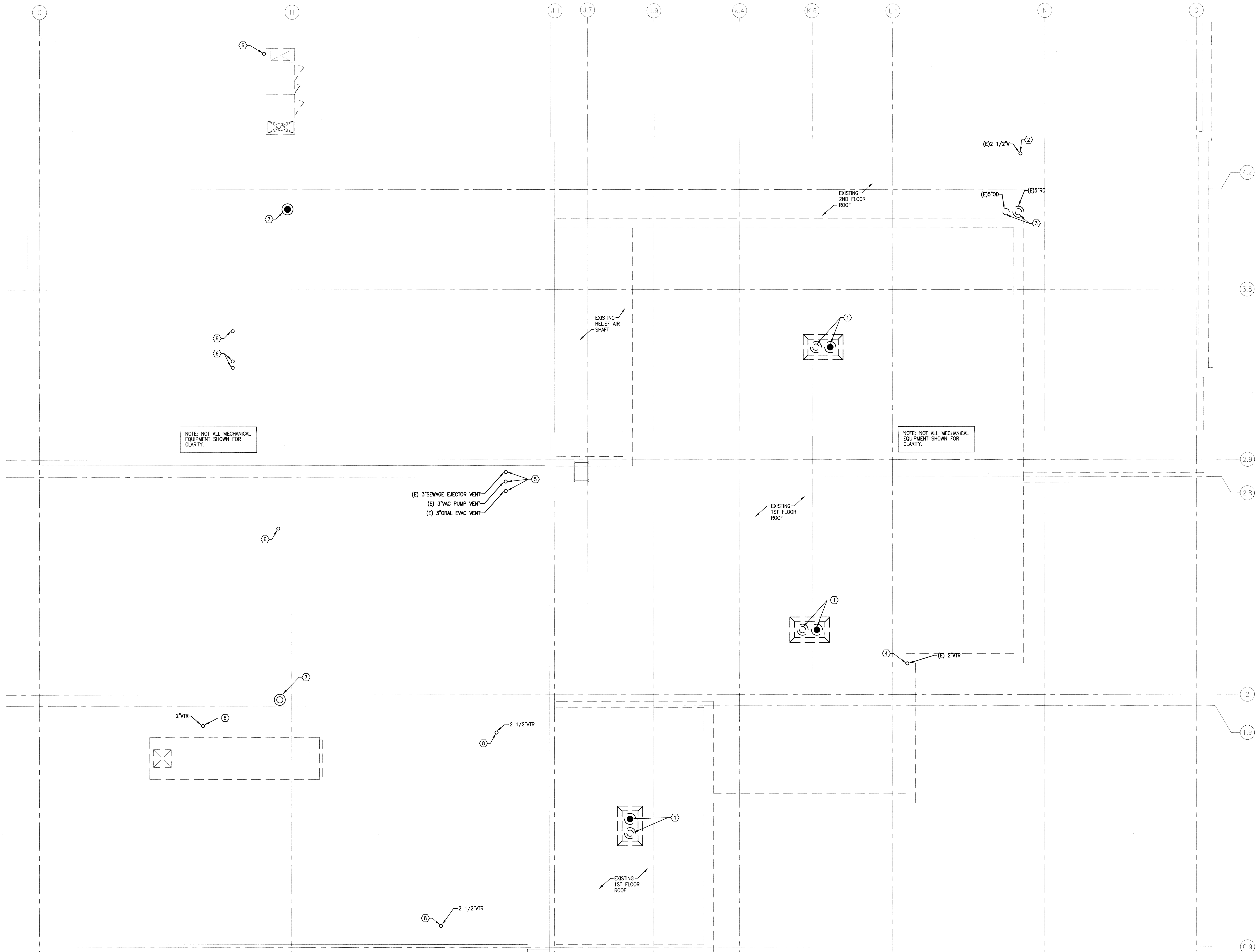
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DRAWING NO.
P1.4B

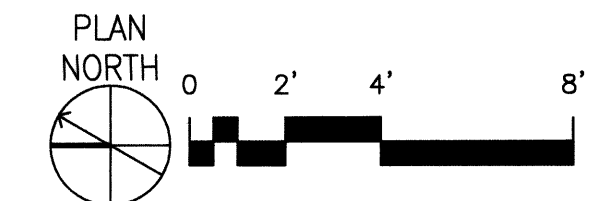
DWC 132 OF 188

REVISIONS

DATE



P1 BUILDING 85 - ROOF SANITARY DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

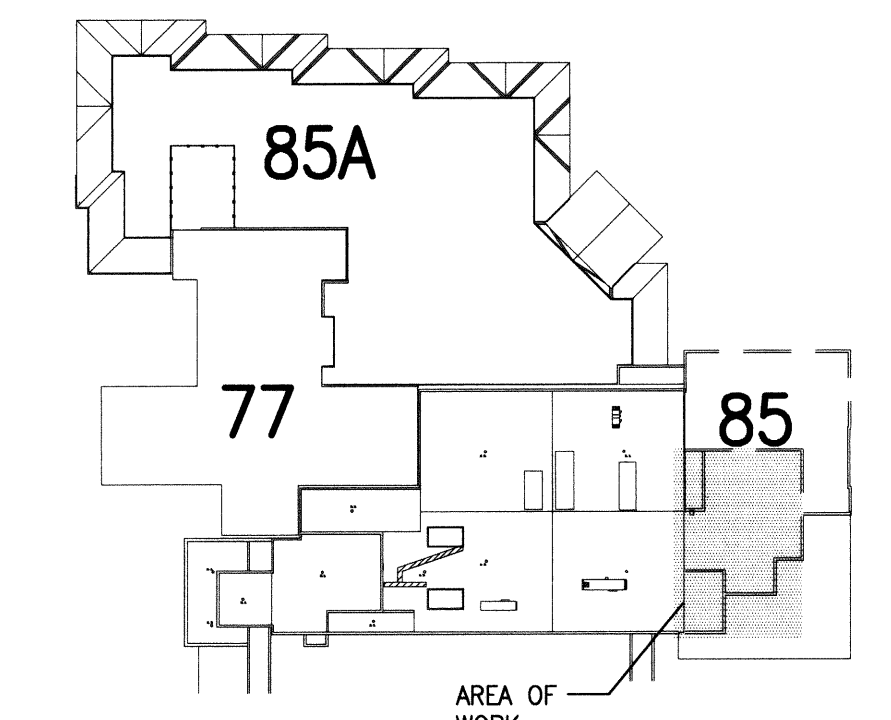


GENERAL SHEET NOTES

- A. AS APPLICABLE THIS CONTRACTOR SHALL VERIFY AND COORDINATE PLUMBING EQUIPMENT TO BE TURNED OVER TO OWNER.
- B. THIS CONTRACTOR SHALL VERIFY ALL AREAS SERVED BY PLUMBING SYSTEMS BEING REMOVED AND COORDINATE ALL DOWNTIME AND NEW SYSTEM ARRANGEMENTS WITH THE VA HOSPITAL. WORK MAY HAVE TO BE PERFORMED DURING NON-WORKING HOURS.
- C. THIS CONTRACTOR WHERE REQUIRED SHALL PROVIDE A TEMPORARY MEANS FOR KEEPING EXISTING PLUMBING SYSTEMS IN SERVICE WHILE DEMOLITION AND NEW WORK IS BEING DONE.
- D. CONTRACTOR SHALL FIELD VERIFY ALL PLUMBING ITEMS PRIOR TO COMMENCING NEW WORK. NO ADDITIONAL COSTS WILL BE ALLOWED FOR CONTRACTOR'S FAILURE TO BECOME FAMILIAR WITH ALL PLUMBING CONDITIONS.

SHEET KEYNOTES

1. REMOVE EXISTING PRIMARY/SECONDARY ROOF DRAINS. SEE SHEET P1.2 FOR CONTINUATION OF DEMOLITION WORK.
2. REMOVE EXISTING VENT TO 12" BELOW EXISTING ROOF DECK. SEE SHEET P2.1 FOR NEW WORK AND SHEET P1.3A FOR CONTINUATION OF DEMOLITION.
3. REMOVE EXISTING 5" PRIMARY/SECONDARY ROOF DRAINS 12" BELOW EXISTING ROOF DECK. SEE SHEET P2.1 FOR NEW WORK AND SHEET P1.3A FOR CONTINUATION OF DEMOLITION.
4. REMOVE EXISTING VENT. SEE SHEET P1.2 FOR CONTINUATION OF DEMOLITION WORK.
5. EXISTING VENTS TO BE REMOVED AND RELOCATED. PATCH AND REPAIR EXISTING ROOF STRUCTURE. COORDINATE ROOF REPAIR WITH GENERAL CONTRACTOR. SEE SHEET P1.4B FOR CONTINUATION.
6. EXISTING VENTS TO REMAIN.
7. EXISTING ROOF DRAIN TO REMAIN.
8. REMOVE EXISTING VENT THROUGH ROOF. SEE SHEET P1.4B FOR CONTINUATION.



ROOF KEY PLAN
NOT TO SCALE



FOR CONSTRUCTION

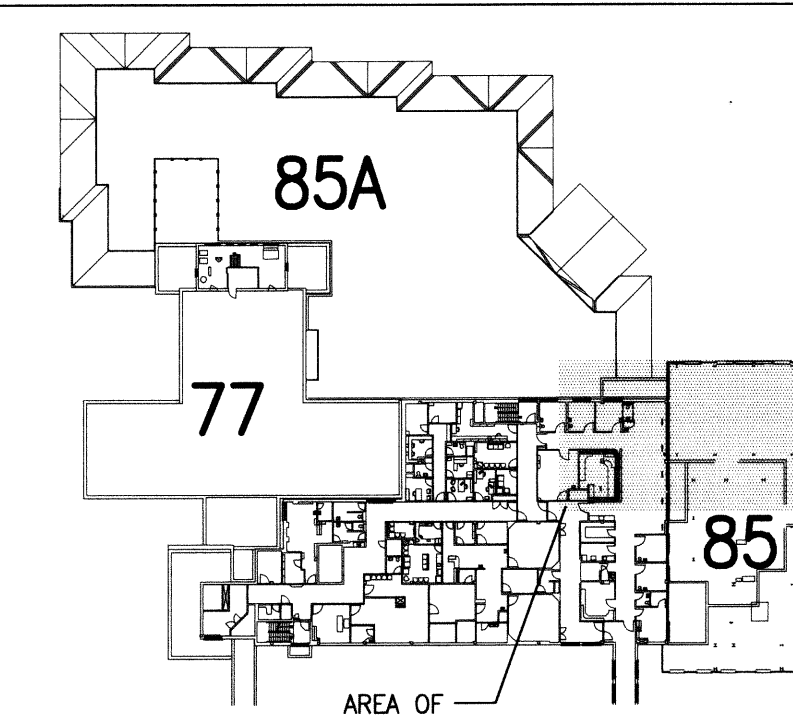
REVISIONS	DATE	 POWER ENGINEERS 2041 South Cobalt Point Way Meridian, Idaho 83642 208-288-6100		 ZSA Architects and Planners, Chartered 565 W. Myrtle Street, Suite 225 Boise, Idaho 83702-7606	CAD FILE NAME: 531-317_P15	DRAWING TITLE ROOF SANITARY DEMOLITION PLAN	PROJECT TITLE REPLACE AND MODERNIZE SURGERY / INTENSIVE CARE UNIT	DATE 11/01/2011	 DEPARTMENT OF VETERANS AFFAIRS			
					XREF FILE NAME: 85AR 85PRWV 531-317_vAbord			PROJECT NO. 531-317				
					APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE			BUILDING NUMBER 85		CHECKED JB	DRAWN JA	DRAWING NO. P1.5
					APPROVED: MEDICAL CENTER DIRECTOR			LOCATION VAMC BOISE, IDAHO		DWG 133 OF 188		

GENERAL SHEET NOTES

- THIS PROJECT WILL BE ACCOMPLISHED IN PHASES. THE CONTRACTOR IS TO ALLOW A MINIMUM OF 14 DAYS DOWN TIME BETWEEN EACH PHASE. THIS IS TO ALLOW THE MEDICAL CENTER TIME TO RELOCATE PERSONNEL, EQUIPMENT, AND FURNISHINGS. ALL WORK IN A GIVEN PHASE (INCLUDING ALL PUNCHLIST ITEMS) MUST BE COMPLETED PRIOR TO THE VA DOWN TIME. DOWN TIME IS INCLUDED IN THE OVERALL PROJECT SCHEDULE.
- THE CEILING SPACE FROM THE BOTTOM OF THE CEILING GRID TO A MINIMUM OF 6" ABOVE THE BOTTOM OF THE CEILING GRID IS RESERVED FOR INSTALLATION OF CEILING MOUNTED ITEMS (I.E. LIGHT FIXTURES, SPEAKERS, DIFFUSERS). NO PIPING, DUCTWORK, CONDUITS, ETC., EXCEPT DROPS SERVING THE CEILING MOUNTED ITEMS, IS ALLOWED TO BE INSTALLED IN THIS SPACE, UNLESS OTHERWISE APPROVED BY THE RESIDENT ENGINEER.
- CONTRACTOR IS REQUIRED TO FOLLOW ALL OSHA REGULATIONS CONCERNING CONSTRUCTION. THE SUPERINTENDENT IS REQUIRED TO HAVE COMPLETED, AS A MINIMUM, OSHA'S 10-HOUR TRAINING AND BE KNOWLEDGEABLE OF GENERAL SAFETY REQUIREMENTS FOR CONFINED SPACES, FALL PROTECTION, PERSONAL PROTECTIVE EQUIPMENT, TRENCHING, SCAFFOLDING, CRANES, ELECTRICAL, ETC. APPLICABLE SUBCONTRACTORS ARE TO HAVE A COMPETENT PERSON ON SITE WHEN REQUIRED BY OSHA. IF ACCESSING A CONFINED SPACE, THE CONTRACTOR IS REQUIRED TO HAVE THEIR OWN CONFINED SPACE AIR MONITOR AND TO TEST THE AIR PRIOR TO ENTERING ANY CONFINED SPACE. IF THE CONTRACTOR MUST ENTER A SANITARY SEWER MANHOLE, IN ADDITION TO A CONFINED SPACE AIR MONITOR, THEY MUST HAVE PROPER OSHA RESCUE EQUIPMENT FOR A PERMIT REQUIRED CONFINED SPACE WHERE IT IS NOT POSSIBLE FOR THE VA TO SHUTDOWN AN ELECTRICAL PANEL OR CIRCUIT. THE CONTRACTOR MUST PROVIDE AND USE THE APPROPRIATE SAFETY CLOTHING AND EQUIPMENT AS REQUIRED BY WPA 702. THE VA WILL BE MONITORING THE CONTRACTOR'S COMPLIANCE WITH OSHA REGULATIONS. FAILURE TO COMPLY IS GROUNDS FOR STOPPING WORK.
- CONSTRUCTION FOR THIS PROJECT WILL TAKE PLACE IN BUILDINGS THAT REMAIN OCCUPIED BY HOSPITAL STAFF AND PATIENTS. DUST CONTROL, NOISE, AND VIBRATION ARE MAJOR CONCERNS. THE CONTRACTOR WILL BE REQUIRED TO MAINTAIN AIR TIGHT DUST BARRIERS AND EXHAUST FANS DURING THE DURATION OF DUST PRODUCING WORK AS SPECIFIED AND DIRECTED BY THE RESIDENT ENGINEER. SEE SPECIFICATION, SECTION 0110, ARTICLE 1.6, ALTERATIONS, PARAGRAPH PROTECTION, FOR ADDITIONAL INFORMATION. WORK THAT CREATES EXCESSIVE NOISE AND/OR VIBRATIONS MUST BE CAREFULLY SCHEDULED AND COORDINATED WITH THE HOSPITAL. THERE WILL BE TIMES WHEN NOISE OR VIBRATION PRODUCING WORK WILL NOT BE ALLOWED AND IT WILL HAVE TO BE SCHEDULED FOR OTHER NON-CRITICAL TIMES.
- VA WILL SHUT DOWN EXISTING UTILITY SYSTEM AS NECESSARY FOR CONTRACTOR TO PERFORM REQUIRED WORK. CONTRACTOR IS RESPONSIBLE FOR DRAINING EXISTING WET SYSTEMS, SUCH AS WATER, CHILLED WATER, HEATING WATER ETC. AS REQUIRED TO ACCOMPLISH NEW WORK. CONTRACTOR IS ALSO RESPONSIBLE FOR RE-FILLING SYSTEMS INCLUDING ADDING CHEMICAL AS REQUIRED. IT IS ACCEPTABLE TO SALVAGE EXISTING TREATED WATER IN CLEAN STORAGE CONTAINERS APPROVED BY THE VA, AND RE-INJECT IT INTO THE SYSTEM UPON COMPLETION OF WORK. ANY TREATED WATER NOT RE-INJECTED IS TO BE PROPERLY DISPOSED OF.
- ALL PIPING IN FINISHED ROOMS OR SPACES SHALL BE CONCEALED IN A FURRED CHASE OR ABOVE THE HARD SUSPENDED CEILING.
- ACCESS PANELS IN HARD SUSPENDED CEILINGS ARE REQUIRED FOR ALL VALVES, TRAPS, CLEANOUTS, CONTROLS, ETC. ACCESS PANELS SHALL BE FURNISHED AND INSTALLED UNDER THE ARCHITECTURAL SPECIFICATIONS.
- ALL PLUMBING ABOVE FINISHED FLOOR IS TO BE HUNG AS TIGHT AS POSSIBLE TO STRUCTURE TO ALLOW FOR THE INSTALLATION OF HVAC SYSTEMS. COORDINATE ALL INVERT ELEVATIONS AND OFFSETS WITH HVAC CONTRACTOR.
- PLUMBING SHOWN LIGHT IS EXISTING. PLUMBING SHOWN BOLD IS NEW AND PART OF THIS CONTRACT.
- SEE PLUMBING FIXTURE SCHEDULE ON SHEET P0.2 FOR TECHNICAL AND DESIGN BASIS INFORMATION.
- PLUMBING SHALL UTILIZE EITHER CLEVIS OR TRAPEZE HANGER SYSTEMS. SEE DETAIL 2/P6.0 AND MECHANICAL SPECIFICATIONS.

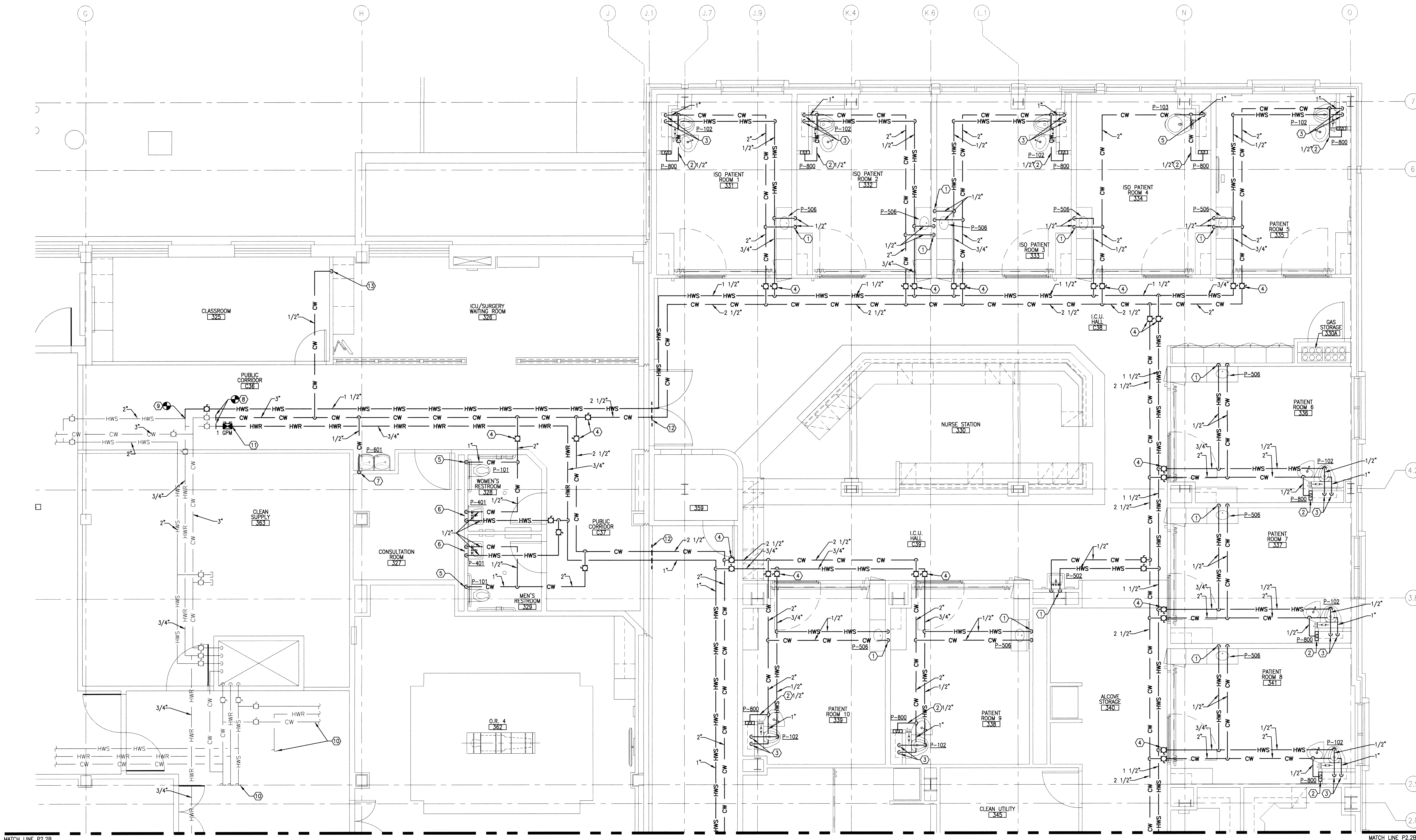
SHEET KEYNOTES

- DROP DOWN TO SINK WITH 1/2" DOMESTIC COLD AND HOT WATER.
- DROP DOWN TO HEMODIALYSIS BOX WITH 1/2" DOMESTIC COLD WATER. PROVIDE VACUUM BREAKER MOUNTED INSIDE SEPARATE RECESSED UTILITY BOX WITH COVER DIRECTLY ABOVE HEMODIALYSIS BOX. UTILITY BOX SHALL MATCH CONSTRUCTION OF HEMODIALYSIS BOX. SEE DETAIL 1/P6.0.
- DROP DOWN TO SWINGETTE WITH 1" DOMESTIC COLD WATER AND 1/2" DOMESTIC HOT WATER.
- LOCATE AND COORDINATE ISOLATION VALVE LOCATION WITH HVAC TO PROVIDE EASY ACCESSIBILITY FOR SERVICE FROM HALL/CORRIDOR.
- DROP DOWN TO WATER CLOSET WITH 1" DOMESTIC COLD WATER.
- DROP DOWN TO LAVATORY WITH 1/2" DOMESTIC COLD AND HOT WATER.
- DROP DOWN TO DRINKING FOUNTAIN WITH 1/2" DOMESTIC COLD WATER.
- CONNECT TO EXISTING DOMESTIC COLD WATER AND HOT WATER RECIRCULATION LOOP AT THIS LOCATION.
- CONNECT TO EXISTING DOMESTIC HOT WATER AT THIS LOCATION.
- CONTRACTOR TO VERIFY EXISTING PLUMBING ROUTING AT THIS LOCATION AND MODIFY AS REQUIRED TO BE OUTSIDE OF NEW OPERATING ROOMS. COORDINATE ALL MODIFICATIONS WITH VA AND NEW CONDITIONS.
- PROVIDE CIRCUIT SETTER AND BALANCE TO VALUE SHOWN.
- PROVIDE FLEXIBLE COUPLER AT BUILDING EXPANSION JOINT.
- 1/2" DOMESTIC COLD WATER TO COUNTER MOUNTED ICE MACHINE. PROVIDE REDUCED PRESSURE BACKFLOW PREVENTER AND 5 MICRON 10" FILTER OSMONICS HYTEX WITH 11" FILTER CARTRIDGE AND 10" AMETEX CHAMBER. PROVIDE RECESSED UTILITY BOX WITH SHUT-OFF VALVE AND STOP FOR ICE MACHINE CONNECTION. COORDINATE UTILITY BOX ROUGH-IN WITH EQUIPMENT AND ARCHITECTURAL DRAWINGS.



THIRD FLOOR KEY PLAN
NOT TO SCALE

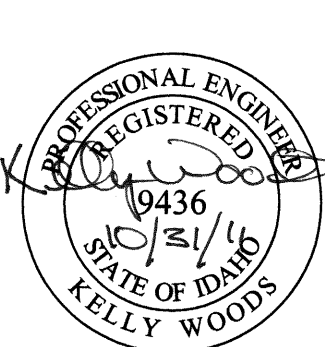
FOR CONSTRUCTION



P2 BUILDING 85 - THIRD FLOOR PLUMBING PLAN - AREA 'A'
SCALE: 1/4\" = 1'-0"

REVISIONS DATE

POWER ENGINEERS
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Meridian, Idaho 83642
208-288-6100



ZPA Architects and Planners, Chartered
565 W. Myrtle Street, Suite 225 Boise, Idaho 83702-7606

CAD FILE NAME:
531-317_P22A
XREF FILE NAME:
85A3FL
85M3WA
531-317_vAbord

DRAWING TITLE
THIRD FLOOR PLUMBING PLAN AREA 'A'
APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE
APPROVED: MEDICAL CENTER DIRECTOR

PROJECT TITLE
REPLACE AND MODERNIZE SURGERY / INTENSIVE CARE UNIT
BUILDING NUMBER
85
CHECKED
JB
DRAWN
JA
LOCATION
VAMC BOISE, IDAHO

DATE
11/01/2011
PROJECT NO.
531-317
DRAWING NO.
P2.2A
DWG 135 OF 188

SHEET KEYNOTES CONTINUED

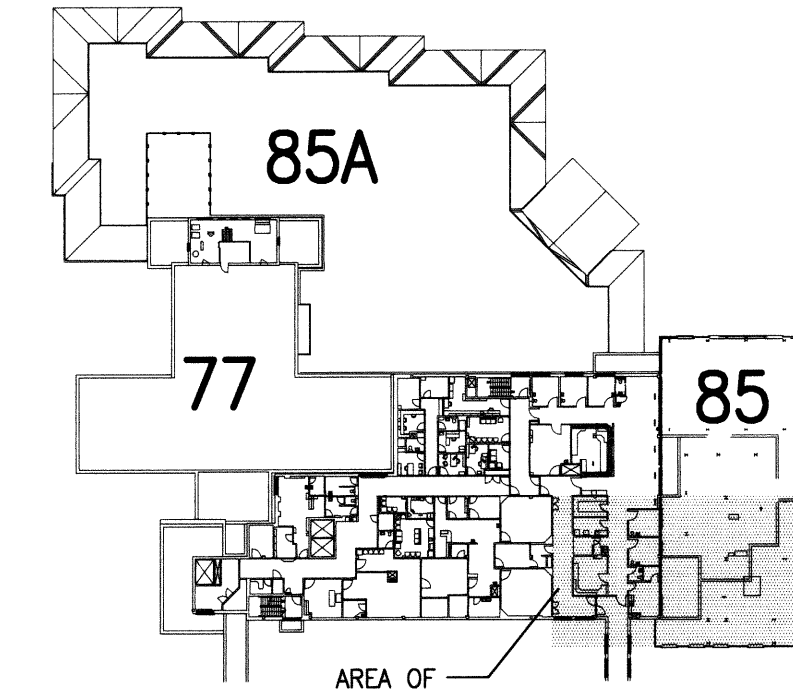
22. DROP DOWN TO HOSE BIBB WITH 3/4" DOMESTIC COLD WATER.
23. COORDINATE ESTIMATED PIPING DISTANCE FROM THIS LOCATION WITH SHEET P2.7.

GENERAL SHEET NOTES

- A. THIS PROJECT WILL BE ACCOMPLISHED IN PHASES. THE CONTRACTOR IS TO ALLOW A MINIMUM OF 14 DAYS DOWN TIME BETWEEN EACH PHASE. THIS IS TO ALLOW THE MEDICAL CENTER TIME TO RELOCATE PERSONNEL, EQUIPMENT, AND FURNISHINGS. ALL WORK IN A GIVEN PHASE (INCLUDING ALL PUNCHLIST ITEMS) MUST BE COMPLETED PRIOR TO THE VA DOWN TIME. DOWN TIME IS INCLUDED IN THE OVERALL PROJECT SCHEDULE.
- B. THE CEILING SPACE FROM THE BOTTOM OF THE CEILING GRID TO A MINIMUM OF 6" ABOVE THE BOTTOM OF THE CEILING GRID IS RESERVED FOR INSTALLATION OF CEILING MOUNTED ITEMS (I.E. LIGHT FIXTURES, SPEAKERS, DIFFUSERS). NO PIPING, DUCTWORK, CONDUITS, ETC., EXCEPT DROPS SERVING THE CEILING MOUNTED ITEMS, IS ALLOWED TO BE INSTALLED IN THIS SPACE, UNLESS OTHERWISE APPROVED BY THE RESIDENT ENGINEER.
- C. CONTRACTOR IS REQUIRED TO FOLLOW ALL OSHA REGULATIONS CONCERNING CONSTRUCTION. THE SUPERINTENDENT IS REQUIRED TO HAVE COMPLETED, AS A MINIMUM, OSHA'S 10-HOUR TRAINING AND BE KNOWLEDGEABLE OF GENERAL SAFETY REQUIREMENTS FOR CONFINED SPACES, FALL PROTECTION, PERSONAL PROTECTIVE EQUIPMENT, TRENCHING, SCAFFOLDING, CRANES, ELECTRICAL, ETC. APPLICABLE SUBCONTRACTORS ARE TO HAVE A COMPETENT PERSON ON SITE WHEN REQUIRED BY OSHA. IF ACCESSING A CONFINED SPACE, THE CONTRACTOR IS REQUIRED HAVE THEIR OWN CONFINED SPACE AIR MONITOR AND TO TEST THE AIR PRIOR TO ENTERING ANY CONFINED SPACE. IF THE CONTRACTOR MUST ENTER A SANITARY SEWER MANHOLE, IN ADDITION TO A CONFINED SPACE AIR MONITOR, THEY MUST HAVE PROPER OSHA RESCUE EQUIPMENT FOR A PERMIT REQUIRED CONFINED SPACE. WHERE IT IS NOT POSSIBLE FOR THE VA TO SHUTDOWN AN ELECTRICAL PANEL OR CIRCUIT, THE CONTRACTOR MUST PROVIDE AND USE THE APPROPRIATE SAFETY CLOTHING AND EQUIPMENT AS REQUIRED BY NFPA 70E. THE VA WILL BE MONITORING THE CONTRACTOR'S COMPLIANCE WITH OSHA REGULATIONS. FAILURE TO COMPLY IS GROUNDS FOR STOPPING WORK.
- D. CONSTRUCTION FOR THIS PROJECT WILL TAKE PLACE IN BUILDINGS THAT REMAIN OCCUPIED BY HOSPITAL STAFF AND PATIENTS. DUST CONTROL, NOISE, AND VIBRATION ARE AREAS OF MAJOR CONCERN. THE CONTRACTOR WILL BE REQUIRED TO MAINTAIN AIR TIGHT DUST BARRIERS AND EXHAUST FANS DURING THE DURATION OF DUST PRODUCING WORK AS SPECIFIED AND DIRECTED BY THE RESIDENT ENGINEER. SEE SPECIFICATION, SECTION 01010, ARTICLE 1.6, ALTERATIONS, PARAGRAPH PROTECTION. FOR ADDITIONAL INFORMATION, WORK THAT CREATES EXCESSIVE NOISE AND/OR VIBRATIONS MUST BE CAREFULLY SCHEDULED AND COORDINATED WITH THE HOSPITAL. THERE WILL BE TIMES WHEN NOISE OR VIBRATION PRODUCING WORK WILL NOT BE ALLOWED AND IT WILL HAVE TO BE SCHEDULED FOR OTHER NON-CRITICAL TIMES.
- E. VA WILL SHUT DOWN EXISTING UTILITY SYSTEM AS NECESSARY FOR CONTRACTOR TO PERFORM REQUIRED WORK. CONTRACTOR IS RESPONSIBLE FOR DRAINING EXISTING WET SYSTEMS, SUCH AS WATER, CHILLED WATER, HEATING WATER ETC. AS REQUIRED TO ACCOMPLISH NEW WORK. CONTRACTOR IS ALSO RESPONSIBLE FOR RE-FILLING SYSTEMS INCLUDING ADDING CHEMICAL AS REQUIRED. IT IS ACCEPTABLE TO SALVAGE EXISTING TREATED WATER IN CLEAN STORAGE CONTAINERS APPROVED BY THE VA, AND RE-INJECT IT INTO THE SYSTEM UPON COMPLETION OF WORK. ANY TREATED WATER NOT RE-INJECTED IS TO BE PROPERLY DISPOSED OF.
- F. ALL PIPING IN FINISHED ROOMS OR SPACES SHALL BE CONCEALED IN A FURRED CHASE OR ABOVE THE HARD SUSPENDED CEILING.
- G. ACCESS PANELS IN HARD SUSPENDED CEILINGS ARE REQUIRED FOR ALL VALVES, TRAPS, CLEANOUTS, CONTROLS, ETC. ACCESS PANELS SHALL BE FURNISHED AND INSTALLED UNDER THE ARCHITECTURAL SPECIFICATIONS.
- H. ALL PLUMBING ABOVE FINISHED FLOOR IS TO BE HUNG AS TIGHT AS POSSIBLE TO STRUCTURE TO ALLOW FOR THE INSTALLATION OF HVAC SYSTEMS. COORDINATE ALL INVERT ELEVATIONS AND OFFSETS WITH HVAC CONTRACTOR.
- I. PLUMBING SHOWN LIGHT IS EXISTING. PLUMBING SHOWN BOLD IS NEW AND PART OF THIS CONTRACT.
- J. SEE PLUMBING FIXTURE SCHEDULE ON SHEET P0.2 FOR TECHNICAL AND DESIGN BASIS INFORMATION.
- K. PLUMBING SHALL UTILIZE EITHER CLEVIS OR TRAPEZE HANGER SYSTEMS. SEE DETAIL 2/P&G AND MECHANICAL SPECIFICATIONS.

SHEET KEYNOTES

- DROP DOWN TO SINK WITH 1/2" DOMESTIC COLD AND HOT WATER.
- LOCATE AND COORDINATE ISOLATION VALVE LOCATION WITH HVAC TO PROVIDE EASY ACCESSIBILITY FOR SERVICE FROM HALL/CORRIDOR.
- DROP DOWN WITH 3/4" DOMESTIC COLD AND HOT WATER TO WALL MOUNTED MIXING VALVE AND ROUTE SUPPLY IN WALL TO FOOT PEDAL SUPPLY STOP AT EACH SCRUB SINK.
- CAP 1" DOMESTIC COLD WATER FOR FUTURE STERILIZER UNIT.
- DROP DOWN TO WATER CLOSET WITH 1" DOMESTIC COLD WATER.
- DROP DOWN TO LAVATORY WITH 1/2" DOMESTIC COLD AND HOT WATER.
- DROP DOWN TO SERVICE SINK WITH 3/4" DOMESTIC COLD AND HOT WATER.
- CONNECT TO EXISTING DOMESTIC COLD WATER AND HOT WATER AT THIS LOCATION.
- CONNECT TO EXISTING DOMESTIC HOT WATER RECIRCULATION AT THIS LOCATION.
- RELOCATED SOILED UTILITY SEE SHEET P1.18 FOR DEMOLITION.
- RELOCATED VERNACARE UNIT. SEE SHEET P1.18 FOR DEMOLITION.
- PROVIDE CIRCUIT SETTER AND BALANCE TO VALVE SHOWN.
- DROP DOWN TO SHOWER VALVE WITH 1/2" DOMESTIC COLD AND HOT WATER.
- 1/2" DOMESTIC COLD WATER TO REFRIGERATOR. PROVIDE RECESSED UTILITY BOX WITH SHUT-OFF VALVE AND STOP (GUY GRAY MODEL M81) FOR REFRIGERATOR CONNECTION. COORDINATE UTILITY BOX ROUGH-IN WITH EQUIPMENT AND ARCHITECTURAL DRAWINGS.
- 1/2" DOMESTIC COLD WATER TO ICE MACHINE. PROVIDE REDUCED PRESSURE BACKFLOW PREVENTER AND 5 MICRON 10" FILTER OSMONICS HYTEX WITH 11" FILTER CARTRIDGE AND 10" AMETEX CHAMBER. PROVIDE RECESSED UTILITY BOX WITH SHUT-OFF VALVE AND STOP (GUY GRAY MODEL M81) FOR ICE MACHINE CONNECTION. COORDINATE UTILITY BOX ROUGH-IN WITH EQUIPMENT AND ARCHITECTURAL DRAWINGS.
- 3/4" DOMESTIC COLD WATER DOWN TO VERNACARE UNIT. PROVIDE REDUCED PRESSURE BACKFLOW PREVENTER. VERIFY CONNECTION LOCATION AND FINAL CONNECTION SIZE WITH EQUIPMENT. PROVIDE ISOLATION VALVE IN ACCESSIBLE AREA ABOVE CEILING.
- 1/2" DOMESTIC HOT AND 1" DOMESTIC COLD WATER TO EXISTING SOILED UTILITY SINK. VERIFY WITH EXISTING FIXTURE IF VACUUM BREAKER IS REQUIRED AND PROVIDE IF REQUIRED. (I.E. HOSE CONNECTION)
- 3/4" DOMESTIC COLD AND HOT WATER UP TO PENTHOUSE AT THIS LOCATION. SEE PARTIAL PENTHOUSE PLUMBING PLAN THIS SHEET FOR CONTINUATION.
- 3/4" DOMESTIC COLD AND HOT WATER DOWN TO FLOOR BELOW. SEE THIRD FLOOR PLUMBING PLAN AREA 'B' THIS SHEET FOR CONTINUATION.
- 3/4" DOMESTIC COLD WATER FOR HVAC MAKE-UP WATER CONNECTION. COORDINATE LOCATION WITH HVAC EQUIPMENT. PROVIDE REDUCED PRESSURE BACKFLOW PREVENTER PRIOR TO EQUIPMENT MAKE-UP WATER CONNECTION. SEE SHEET M2.8 FOR CONTINUATION.
- INSTALL TRAP PRIMER ASSEMBLY FOR FLOOR DRAIN. SEE PLUMBING FIXTURE SCHEDULE FIGURE P-804 FOR MAKE AND MODEL ON SHEET P0.2.

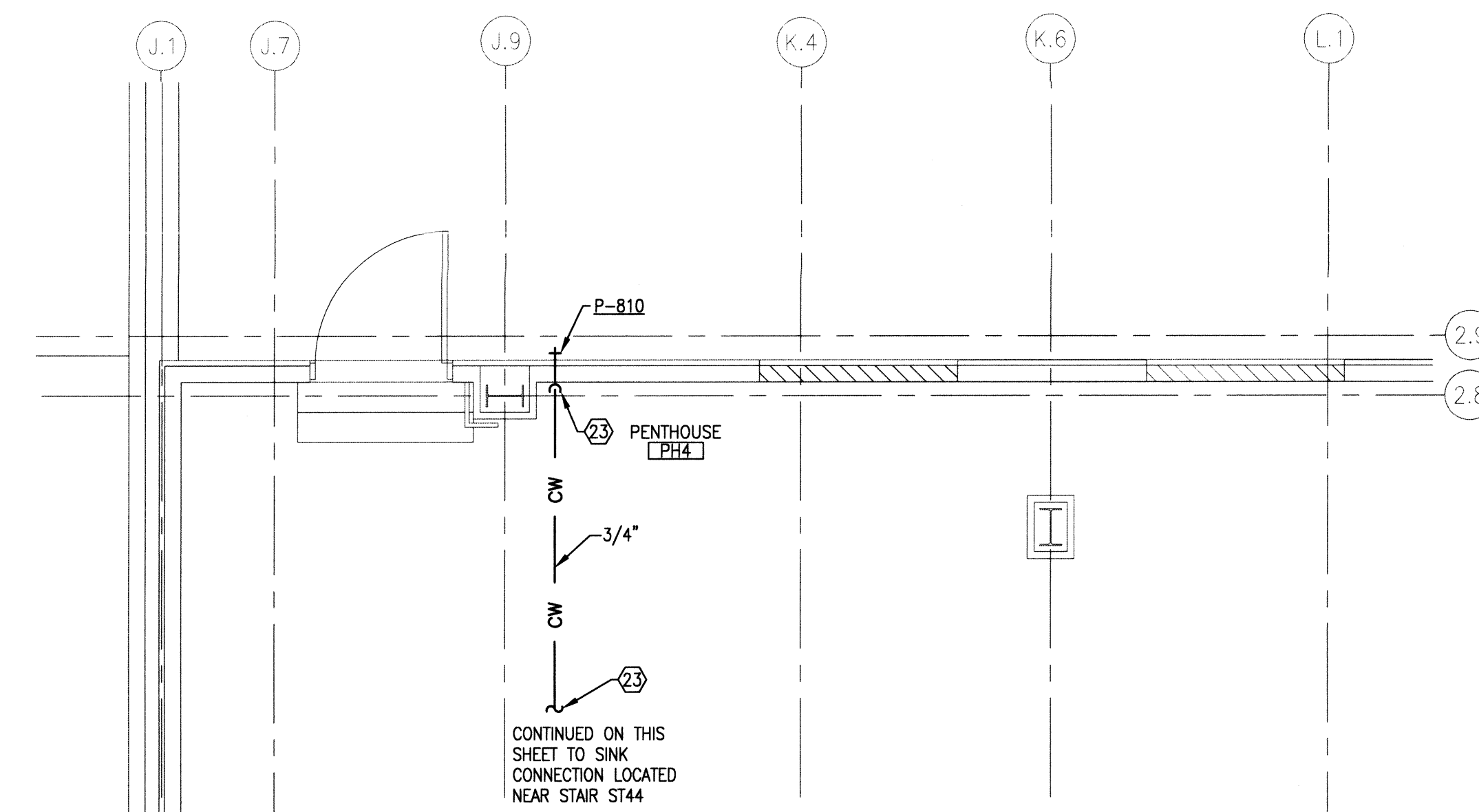


THIRD FLOOR KEY PLAN

NOT TO SCALE

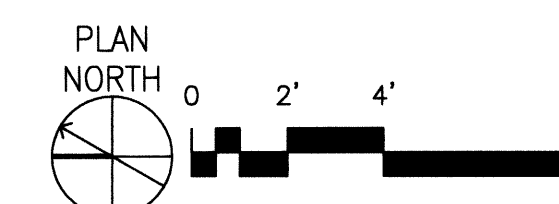
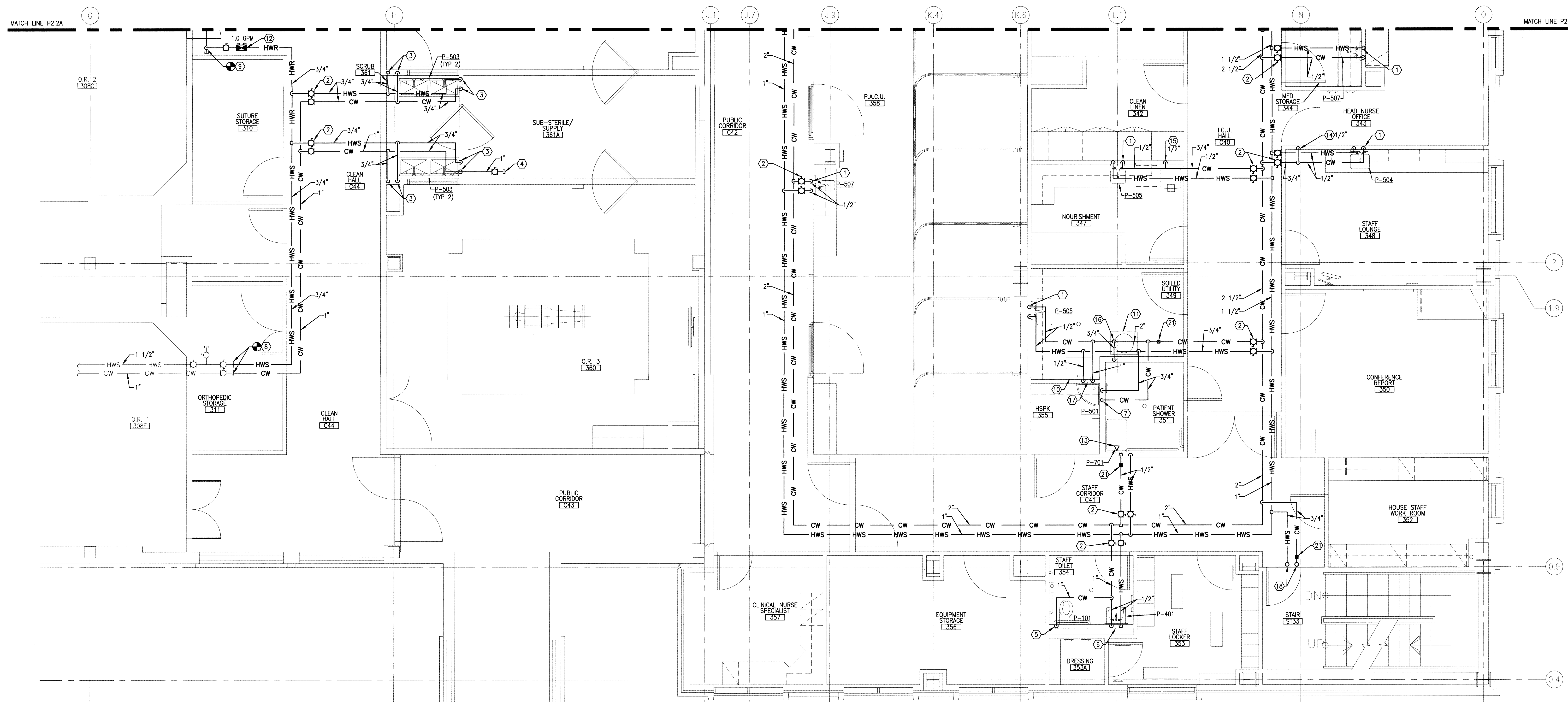
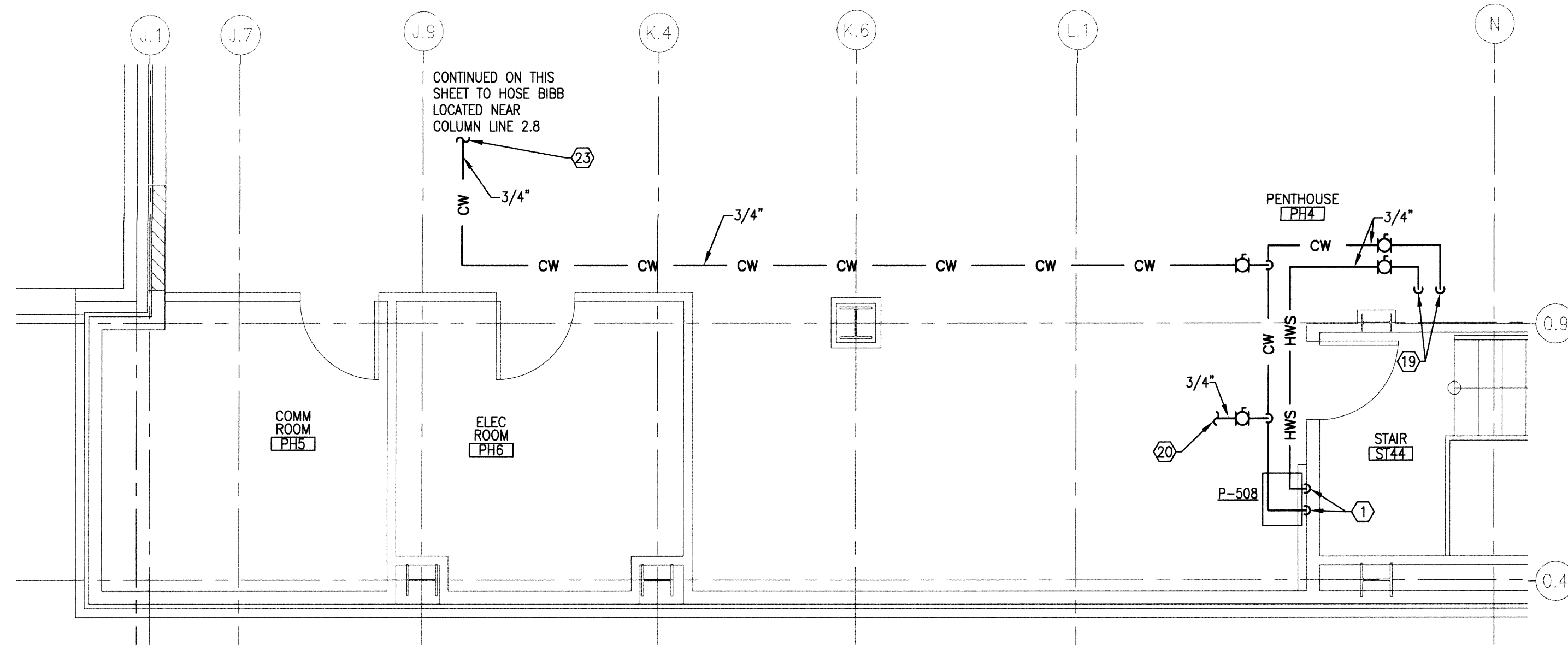


FOR CONSTRUCTION



P2 BUILDING 85 - PARTIAL PENTHOUSE PLUMBING PLAN

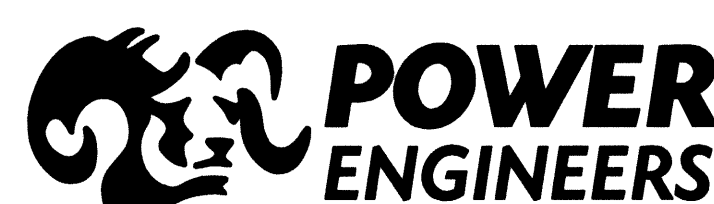
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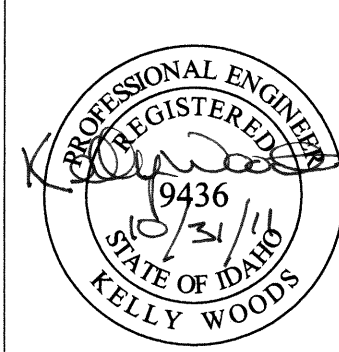
P2 BUILDING 85 - THIRD FLOOR PLUMBING PLAN - AREA 'B'

SCALE: 1/4" = 1'-0"

REVISIONS	DATE



2041 South Cobalt Point Way
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208-288-6100



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CAD FILE NAME:
531-317_P22A
XREF FILE NAME:
85A3FL
85M3WA
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531-317_vAbord

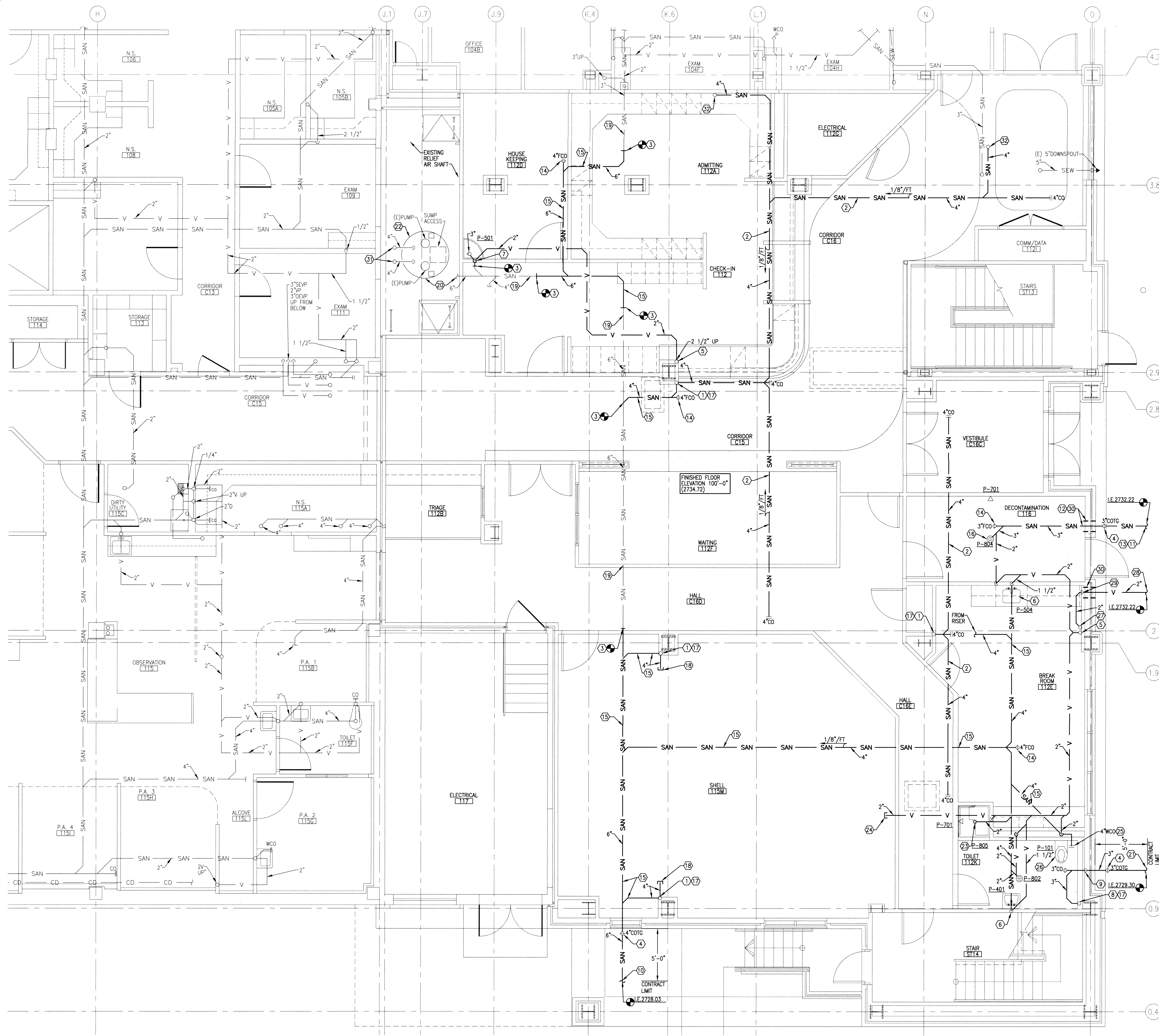
DRAWING TITLE	THIRD FLOOR PLUMBING PLAN AREA 'B'
APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE	
APPROVED: MEDICAL CENTER DIRECTOR	

PROJECT TITLE	REPLACE AND MODERNIZE SURGERY / INTENSIVE CARE UNIT
BUILDING NUMBER	85
CHECKED	JB
DRAWN	JA
LOCATION	VAMC BOISE, IDAHO

DATE	11/01/2011
PROJECT NO.	531-317
DRAWING NO.	P2.2B
DWG	136 OF 188

SHEET KEYNOTES CONTINUED

27. 2" DECONTAMINATION TANK VENT UP TO FLOOR ABOVE. SEE SHEET P2.5B FOR CONTINUATION.
28. 2" DECONTAMINATION VENT FROM DECONTAMINATION TANK. COMPLETE FIELD ROUTE TO TANK CONNECTION. COORDINATE INSTALLATION WITH CIVIL CONTRACTOR.
29. RISE UP AT EXTERIOR WALL WITH 2" DECONTAMINATION TANK VENT.
30. STRUCTURAL PIPE SLEEVE THROUGH GRADE BEAM BY OTHERS. SEE STRUCTURAL PLANS.
31. EXISTING SEWAGE EJECTOR DISCHARGE PIPING. SEE KEYED NOTE 22.
32. SANITARY SEWER DOWN FROM FLOOR ABOVE. SEE SHEET P2.5A FOR CONTINUATION.



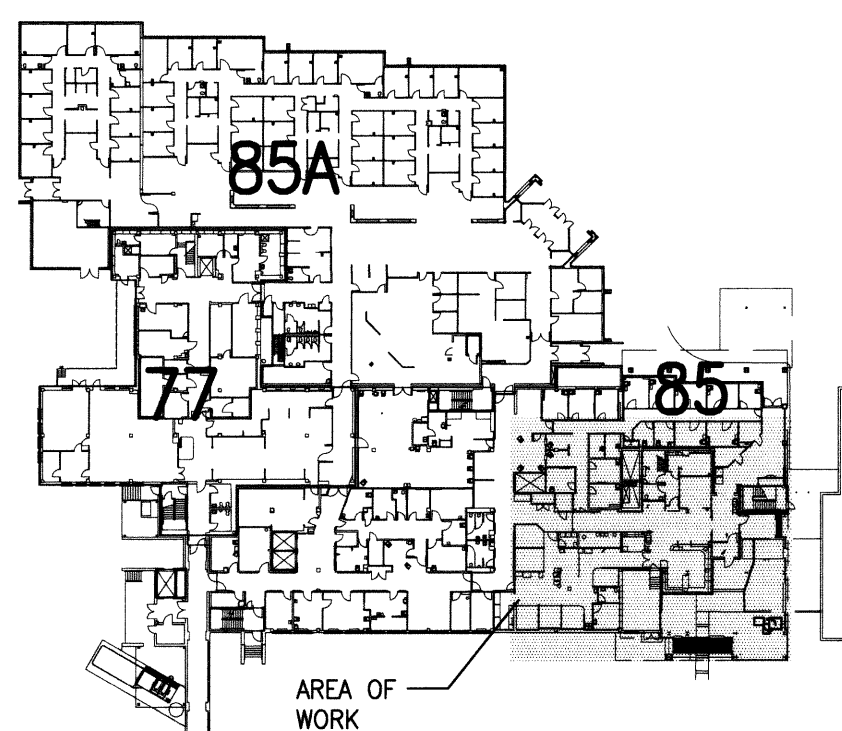
P2 BUILDING 85 — FIRST FLOOR SANITARY PLAN
SCALE: 1/4" = 1'-0"

GENERAL SHEET NOTES

- A. THIS PROJECT WILL BE ACCOMPLISHED IN PHASES. THE CONTRACTOR IS TO ALLOW A MINIMUM OF 14 DAYS DOWN TIME BETWEEN EACH PHASE. THIS IS TO ALLOW THE MEDICAL CENTER TIME TO RELOCATE PERSONNEL, EQUIPMENT, AND FURNISHINGS. ALL WORK IN A GIVEN PHASE (INCLUDING ALL PUNCHLIST ITEMS) MUST BE COMPLETED PRIOR TO THE VA DOWN TIME. DOWN TIME IS INCLUDED IN THE OVERALL PROJECT SCHEDULE.
- B. THE CEILING SPACE FROM THE BOTTOM OF THE CEILING GRID TO A MINIMUM OF 6" ABOVE THE BOTTOM OF THE CEILING GRID IS RESERVED FOR INSTALLATION OF CEILING MOUNTED ITEMS (I.E. LIGHT FIXTURES, SPEAKERS, DIFFUSERS). NO PIPING, DUCTWORK, CONDUITS, ETC., EXCEPT DROPS SERVING THE CEILING MOUNTED ITEMS, IS ALLOWED TO BE INSTALLED IN THIS SPACE, UNLESS OTHERWISE APPROVED BY THE RESIDENT ENGINEER.
- C. CONTRACTOR IS REQUIRED TO FOLLOW ALL OSHA REGULATIONS CONCERNING CONSTRUCTION. THE SUPERINTENDENT IS REQUIRED TO HAVE COMPLETED, AS A MINIMUM, OSHA'S 10-HOUR TRAINING AND BE KNOWLEDGEABLE OF GENERAL SAFETY REQUIREMENTS FOR CONFINED SPACES. FALL PROTECTION, PERSONAL PROTECTIVE EQUIPMENT, TRENCHING, SCAFFOLDING, CRANES, ELECTRICAL, ETC. APPLICABLE SUBCONTRACTORS ARE TO HAVE A COMPETENT PERSON ON SITE WHEN REQUIRED BY OSHA. IF ACCESSING A CONFINED SPACE, THE CONTRACTOR IS REQUIRED HAVE THEIR OWN CONFINED SPACE AIR MONITOR AND TO TEST THE AIR PRIOR TO ENTERING ANY CONFINED SPACE. IF THE CONTRACTOR MUST ENTER A SANITARY SEWER MANHOLE, IN ADDITION TO A CONFINED SPACE AIR MONITOR, THEY MUST HAVE PROPER OSHA RESCUE EQUIPMENT FOR A PERMIT REQUIRED CONFINED SPACE, WHERE IT IS NOT POSSIBLE FOR THE VA TO SHUTDOWN AN ELECTRICAL PANEL OR CIRCUIT, THE CONTRACTOR MUST PROVIDE AND USE THE APPROPRIATE SAFETY CLOTHING AND EQUIPMENT AS REQUIRED BY NFPA 70E. THE VA WILL BE MONITORING THE CONTRACTOR'S COMPLIANCE WITH OSHA REGULATIONS. FAILURE TO COMPLY IS GROUNDS FOR STOPPING WORK.
- D. ALL PIPING IN FINISHED ROOMS OR SPACES SHALL BE CONCEALED IN A FURRED CHASE OR ABOVE THE HARD SUSPENDED CEILING.
- E. ACCESS PANELS IN HARD SUSPENDED CEILINGS ARE REQUIRED FOR ALL VALVES, TRAPS, CLEANOUTS, CONTROLS, ETC. ACCESS PANELS SHALL BE FURNISHED AND INSTALLED UNDER THE ARCHITECTURAL SPECIFICATIONS.
- F. ALL SANITARY PIPING ABOVE FINISHED FLOOR IS TO BE HUNG AS TIGHT AS POSSIBLE TO STRUCTURE TO ALLOW FOR THE INSTALLATION OF HVAC SYSTEMS. COORDINATE ALL INVERT ELEVATIONS AND OFFSETS WITH HVAC CONTRACTOR.
- G. PIPING SHOWN LIGHT IS EXISTING. PIPING SHOWN BOLD IS NEW AND PART OF THIS CONTRACT.
- H. SEE PLUMBING FIXTURE SCHEDULE ON SHEET P0.2 FOR TECHNICAL AND DESIGN BASIS INFORMATION.
- I. ALL SANITARY PIPING SHALL UTILIZE ADJUSTABLE CLEVIS HANGERS. REFERENCE DETAIL 2/P6.0 AND MECHANICAL SPECIFICATIONS.

SHEET KEYNOTES

- SANITARY WASTE DOWN FROM FLOOR ABOVE AND CONTINUING DOWN BELOW FINISHED FLOOR SLAB. COORDINATE SLAB PENETRATION WITH STRUCTURAL FOOTING. SEE SHEETS P2.5A AND P2.5B FOR CONTINUATION.
- SANITARY SEWER ABOVE FINISHED FLOOR. COORDINATE ROUTING WITH STRUCTURAL FRAMING AND RISER LOCATION.
- CONNECT TO EXISTING SANITARY SEWER BELOW FLOOR SLAB WITH NEW AT THIS LOCATION. COORDINATE CONNECTION LOCATION WITH EXISTING CONDITIONS AND FOOTING/GRADE BEAM INSTALLATION.
- PROVIDE CLEAN-OUT TO GRADE AT THIS LOCATION. SEE DETAIL 6/P6.0.
- SANITARY VENT UP TO FLOOR ABOVE. SEE SHEET P2.5B FOR CONTINUATION.
- LOCATION OF LAVATORY/SINK PROVIDE 1 1/2" VENT AND 2" SANITARY WASTE CONNECTION.
- LOCATION OF FLOOR MOUNTED SERVICE SINK. PROVIDE 2" VENT AND 3" SANITARY WASTE CONNECTION.
- PRIMARY STORM SEWER FROM FLOOR ABOVE. SEE SHEET P2.5B FOR CONTINUATION.
- DROP DOWN BELOW SLAB AT THIS LOCATION AND EXTEND STORM SEWER TO EXTERIOR OF BUILDING.
- CONNECT TO BUILDING SANITARY SEWER PROVIDED BY CIVIL CONTRACTOR. COORDINATE CONNECTION INVERT ELEVATION AT CONTRACT LIMITS WITH CIVIL DRAWINGS.
- COORDINATE INVERT ELEVATION CONNECTION WITH CIVIL PLANS. COMPLETE FIELD ROUTE TO DECONTAMINATION TANK CONNECTION.
- ROUTE THROUGH STRUCTURAL SLEEVE PROVIDED BY OTHERS. COORDINATE WITH STRUCTURAL PLANS.
- THIS CONTRACTOR SHALL PROVIDE A 600 GALLON DOUBLE WALL UNDERGROUND STORAGE TANK COMPLETE WITH MONITOR/RESERVOIR FITTINGS, INSPECTION PORT AND MANWAY COVER. DESIGN BASIS IS XERXES CORPORATION. INSTALLATION OF VESSEL BY CIVIL CONTRACTOR. COORDINATE SIZE OF TANK WITH CIVIL PLANS. MECHANICAL CONTRACTOR SHALL COORDINATE CONTROL WIRING INSTALLATION FOR LEVEL MONITORING WITH ELECTRICAL CONTRACTOR SEE ELECTRICAL PLANS. SEE DETAIL 8/P6.0.
- FLOOR CLEAN-OUT. COORDINATE LOCATION WITH ROOM EQUIPMENT AND FLOOR FINISH. PROVIDE CLEAN-OUT IN ACCESSIBLE LOCATION.
- SANITARY SEWER BELOW SLAB. COORDINATE LOCATION WITH STRUCTURAL FOOTINGS AND GRADE BEAMS. REFERENCE STRUCTURAL FOUNDATION AND FOOTING PLAN FOR COORDINATION.
- LOCATION OF SHOWER DRAIN. COORDINATE LOCATION WITH ARCHITECTURAL PLANS. PROVIDE 3" WASTE AND 2" VENT CONNECTION.
- INSTALL WALL CLEAN-OUT WITH CHROME COVER AT BASE OF STACK 6" ABOVE FINISHED FLOOR. SEE DETAIL 7/P6.0.
- CAP SANITARY SEWER 2" BELOW STRUCTURAL FRAMING FOR FUTURE CONNECTION.
- EXISTING SANITARY SEWER BELOW FLOOR SLAB. MAINTAIN SERVICE DURING CONSTRUCTION AND COORDINATE SYSTEM SHUT DOWN PERIODS WITH VA WHEN APPLICABLE.
- FROM SANITARY SEWAGE EJECTOR LOCATED AT BASEMENT LEVEL INSIDE EXISTING RELIEF AIR SHAFT.
- CONNECT TO BUILDING STORM SEWER PROVIDED BY CIVIL CONTRACTOR. COORDINATE CONNECTION INVERT ELEVATION AT CONTRACT LIMITS WITH CIVIL DRAWINGS.
- LOCATION OF EXISTING SEWAGE EJECTOR AND SUMP BASIN AT BASEMENT LEVEL. SEE DETAIL 9/P6.0 FOR DISCHARGE PIPING RETROFIT.
- PROVIDE PRE-MANUFACTURED SHOWER PAN ASSEMBLY WITH FLOOR DRAIN AND STRAINER. COORDINATE SIZE WITH ARCHITECTURAL PLANS.
- CAP 2" VENT FOR FUTURE CONNECTION.
- PROVIDE WALL CLEAN-OUT AT THIS LOCATION. SEE DETAIL 7/P6.0.
- LOCATION OF WALL HUNG WATER CLOSET. PROVIDE 2" VENT AND 4" SANITARY WASTE CONNECTION.



FIRST FLOOR KEY PLAN

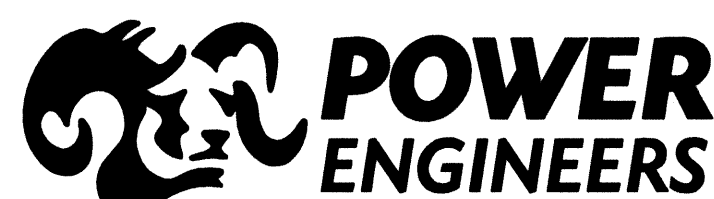
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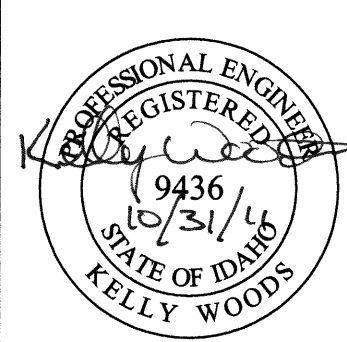
FOR CONSTRUCTION

REVISIONS

DATE



2041 South Cobalt Point Way
Meridian, Idaho 83642
208-288-6100



565 W. Myrtle Street, Suite 225 Boise, Idaho 83702-7606

CAD FILE NAME:
531-317_P24
XREF FILE NAME:
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DRAWING TITLE
FIRST FLOOR
SANITARY PLAN

APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE

APPROVED: MEDICAL CENTER DIRECTOR

PROJECT TITLE
REPLACE AND MODERNIZE
SURGERY / INTENSIVE
CARE UNIT

BUILDING NUMBER
85

CHECKED
JB

DRAWN
JA

LOCATION
VAMC BOISE, IDAHO

DATE
11/01/2011

PROJECT NO.
531-317

DRAWING NO.
P2.4

DWG 137 OF 188

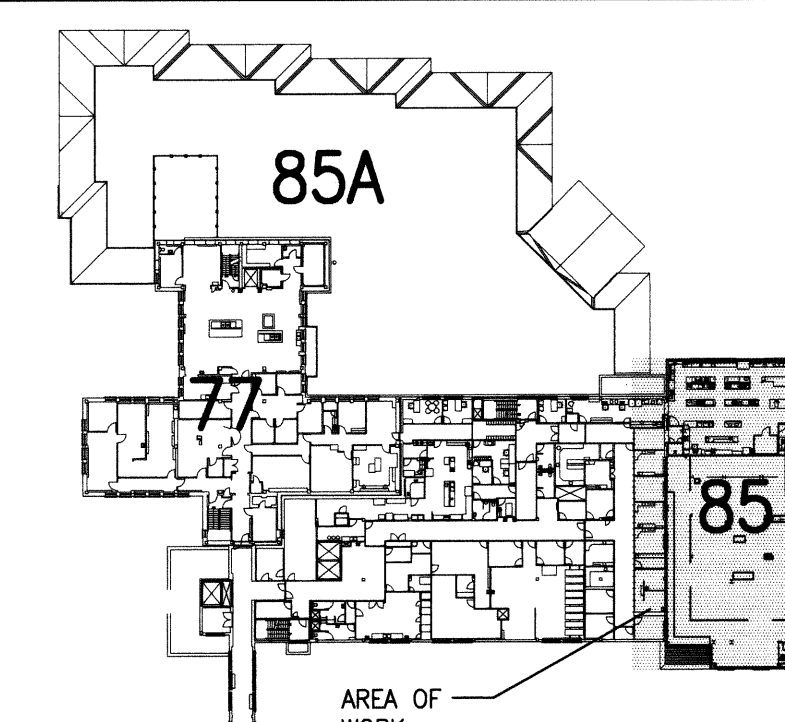


GENERAL SHEET NOTES

- THIS PROJECT WILL BE ACCOMPLISHED IN PHASES. THE CONTRACTOR IS TO ALLOW A MINIMUM OF 14 DAYS DOWN TIME BETWEEN EACH PHASE. THIS IS TO ALLOW THE MEDICAL CENTER TIME TO RELOCATE PERSONNEL, EQUIPMENT, AND FURNISHINGS. ALL WORK IN A GIVEN PHASE (INCLUDING ALL PUNCHLIST ITEMS) MUST BE COMPLETED PRIOR TO THE VA DOWN TIME. DOWN TIME IS INCLUDED IN THE OVERALL PROJECT SCHEDULE.
- THE CEILING SPACE FROM THE BOTTOM OF THE CEILING GRID TO A MINIMUM OF 6" ABOVE THE BOTTOM OF THE CEILING GRID IS RESERVED FOR INSTALLATION OF CEILING MOUNTED ITEMS (I.E. LIGHT FIXTURES, SPEAKERS, DIFFUSERS), NO PIPING, DUCTWORK, CONDUITS, ETC., EXCEPT DROPS SERVING THE CEILING MOUNTED ITEMS, IS ALLOWED TO BE INSTALLED IN THIS SPACE, UNLESS OTHERWISE APPROVED BY THE RESIDENT ENGINEER.
- CONTRACTOR IS REQUIRED TO FOLLOW ALL OSHA REGULATIONS CONCERNING CONSTRUCTION. THE SUPERINTENDENT IS REQUIRED TO HAVE COMPLETED, AS A MINIMUM, OSHA'S 10-HOUR TRAINING AND BE KNOWLEDGEABLE OF GENERAL SAFETY REQUIREMENTS FOR CONFINED SPACES, FALL PROTECTION, PERSONAL PROTECTIVE EQUIPMENT, TRENCHING, SCAFFOLDING, CRANES, ELECTRICAL, ETC. APPLICABLE SUBCONTRACTORS ARE TO HAVE A COMPETENT PERSON ON SITE WHEN REQUIRED BY OSHA. IF ACCESSING A CONFINED SPACE, THE CONTRACTOR IS REQUIRED HAVE THEIR OWN CONFINED SPACE AIR MONITOR AND TO TEST THE AIR PRIOR TO ENTERING ANY CONFINED SPACE. IF THE CONTRACTOR MUST ENTER A SANITARY SEWER MANHOLE, IN ADDITION TO A CONFINED SPACE AIR MONITOR, THEY MUST HAVE PROPER OSHA RESCUE EQUIPMENT FOR A PERMIT REQUIRED CONFINED SPACE, WHERE IT IS NOT POSSIBLE FOR THE VA TO SHUTDOWN AN ELECTRICAL PANEL OR CIRCUIT, THE CONTRACTOR MUST PROVIDE AND USE THE APPROPRIATE SAFETY CLOTHING AND EQUIPMENT AS REQUIRED BY NFPA 70E. THE VA WILL BE MONITORING THE CONTRACTOR'S COMPLIANCE WITH OSHA REGULATIONS. FAILURE TO COMPLY IS GROUNDS FOR STOPPING WORK.
- ALL PIPING IN FINISHED ROOMS OR SPACES SHALL BE CONCEALED IN A FURRED CHASE OR ABOVE THE HARD SUSPENDED CEILING.
- ACCESS PANELS IN HARD SUSPENDED CEILINGS ARE REQUIRED FOR ALL VALVES, TRAPS, CLEANOUTS, CONTROLS, ETC. ACCESS PANELS SHALL BE FURNISHED AND INSTALLED UNDER THE ARCHITECTURAL SPECIFICATIONS.
- ALL SANITARY PIPING ABOVE FINISHED FLOOR IS TO BE HUNG AS TIGHT AS POSSIBLE TO STRUCTURE TO ALLOW FOR THE INSTALLATION OF HVAC SYSTEMS. COORDINATE ALL INVERT ELEVATIONS AND OFFSETS WITH HVAC CONTRACTOR.
- PIPING SHOWN LIGHT IS EXISTING. PIPING SHOWN BOLD IS NEW AND PART OF THIS CONTRACT.
- COORDINATE ALL PLUMBING INSTALLED OVER EXISTING LABORATORY AND EXISTING DENTAL SUITE WITH EXISTING CONDITIONS AND VA WORK MAY HAVE TO BE DONE AFTER NORMAL WORKING HOURS.
- ALL SANITARY PIPING SHALL UTILIZE ADJUSTABLE CLEVIS HANGERS. REFERENCE DETAIL 2/P6.0 AND MECHANICAL SPECIFICATIONS.

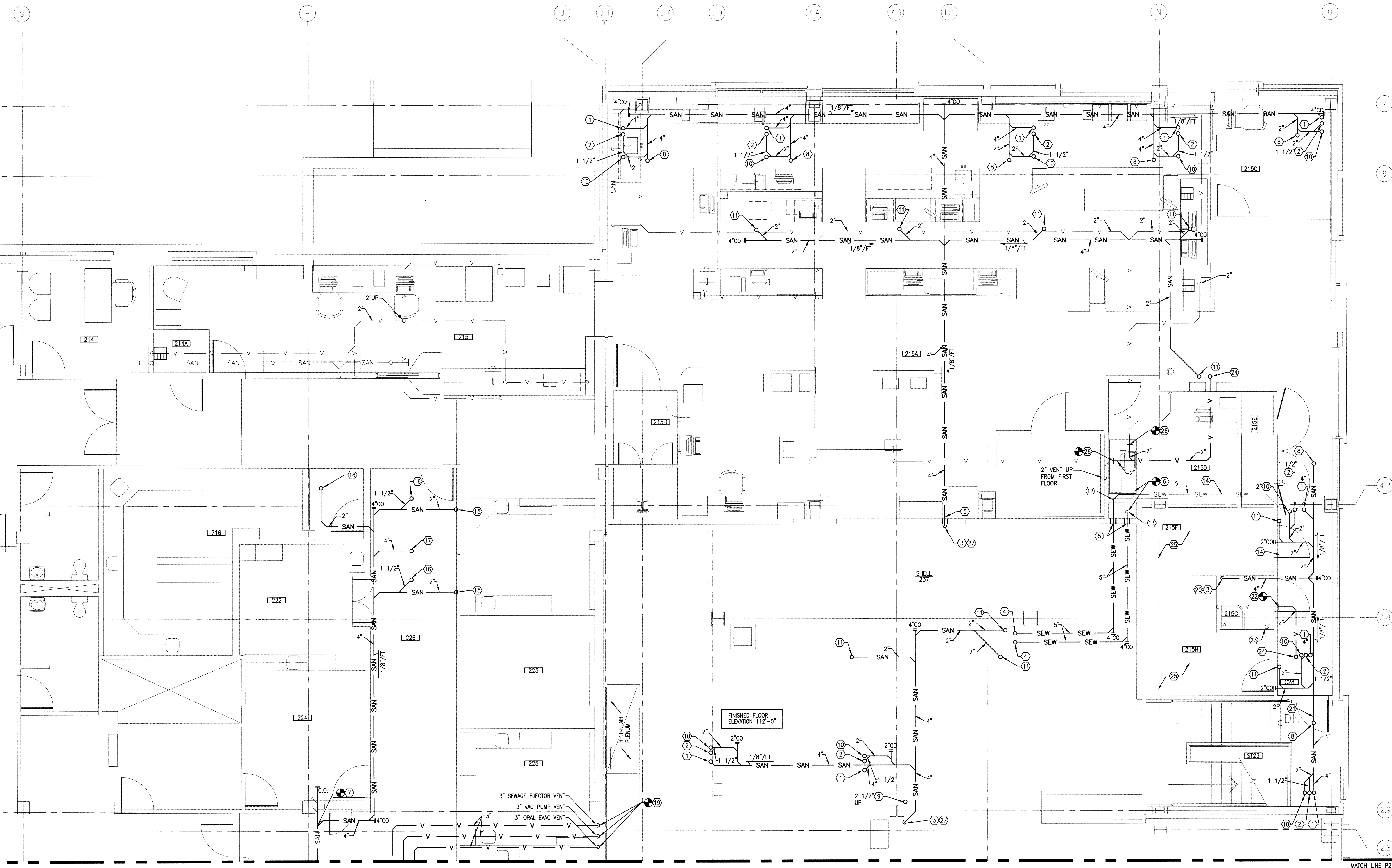
SHEET KEYNOTES

- 4" SANITARY WASTE DOWN FROM WATERCLOSET ABOVE. SEE SHEET P2.6A FOR CONTINUATION.
- 1 1/2" SANITARY VENT UP TO FLOOR ABOVE FROM HEMODIALYSIS UTILITY BOX. SEE SHEET P2.6A FOR CONTINUATION.
- DROP DOWN TO FLOOR BELOW WITH SANITARY WASTE. SEE SHEET P2.4 FOR CONTINUATION.
- PRIMARY AND SECONDARY STORM SEWER DOWN FROM FLOOR ABOVE. SEE SHEET P2.6A FOR CONTINUATION.
- PENETRATE EXISTING MASONRY WALL WITH NEW PIPING THIS LOCATION. PROVIDE PENETRATION SLEEVE AND SEAL PENETRATION TO MAINTAIN EXISTING FIRE RATING. SEE LIFE SAFETY PLAN FOR WALL RATING INFORMATION.
- CONNECT TO EXISTING PRIMARY AND SECONDARY STORM SEWER PIPING AT THIS LOCATION.
- CONNECT TO EXISTING SANITARY WASTE PIPING AT THIS LOCATION WITH NEW. COORDINATE NEW ROUTING WITH EXISTING CONDITIONS.
- RISE UP TO FLOOR ABOVE WITH SANITARY CLEAN-OUT. SEE SHEET P2.6A FOR CONTINUATION. COORDINATE LOCATION OF FLOOR CLEAN-OUT WITH EQUIPMENT LOCATION ABOVE. PROVIDE CLEAN-OUT IN ACCESSIBLE LOCATION.
- SANITARY VENT UP FROM FLOOR BELOW AND CONTINUING UP TO FLOOR ABOVE. SEE SHEETS P2.4 AND P2.6A FOR CONTINUATION.
- 2" SANITARY WASTE DOWN FROM HEMODIALYSIS UTILITY BOX. SEE SHEET P2.6A FOR CONTINUATION.
- 2" SANITARY WASTE DOWN FROM SINK ABOVE. SEE SHEET P2.6A FOR CONTINUATION.
- PATCH AND REPAIR EXISTING CHASE AT PIPE PENETRATION TO MAINTAIN EXISTING FIRE RATING.
- EXISTING PRIMARY STORM SEWER.
- EXISTING SECONDARY STORM SEWER.
- 2" SANITARY WASTE DOWN FROM FLOOR DRAIN ABOVE. SEE SHEET P2.6A FOR CONTINUATION.
- 1 1/2" SANITARY VENT UP TO FLOOR ABOVE FROM FLOOR DRAIN. SEE SHEET P2.6A FOR CONTINUATION.
- 4" SANITARY WASTE STACK DOWN FROM FLOOR ABOVE. SEE SHEET P2.6A FOR CONTINUATION.
- 2" SANITARY WASTE DOWN FROM DRINKING FOUNTAIN ABOVE. SEE SHEET P2.6A FOR CONTINUATION.
- CONNECT TO EXISTING SEWAGE EJECTOR, VACUUM PUMP AND ORAL EVAC VENTS AND EXTEND NEW PIPING AS SHOWN. COORDINATE ROUTING WITH EXISTING CONDITIONS.
- COORDINATE NEW RISER LOCATION WITH EXISTING CONDITIONS. SEAL FLOOR PENETRATION TO MAINTAIN EXISTING FLOOR FIRE RATING.
- COORDINATE INSTALLATION OF PLUMBING INSIDE EXISTING STAIR WITH ARCHITECTURAL SOFFIT.
- CONNECT TO EXISTING SANITARY VENT WITH NEW AT THIS LOCATION.
- 5" EXISTING SECONDARY STORM SEWER DOWN TO FLOOR BELOW. SEE SHEET P2.4 FOR CONTINUATION.
- 2" SANITARY VENT UP TO FLOOR ABOVE. SEE SHEET P2.6A FOR CONTINUATION.
- EXISTING ELECTRICAL ROOM. KEEP ALL NEW PLUMBING OUT OF THESE AREAS.
- CONNECT TO EXISTING SANITARY VENT PIPING AT THIS LOCATION WITH NEW. COORDINATE NEW ROUTING WITH EXISTING CONDITIONS.
- INSTALL CLEAN-OUT AT BASE OF STACK 6" ABOVE FINISHED FLOOR.



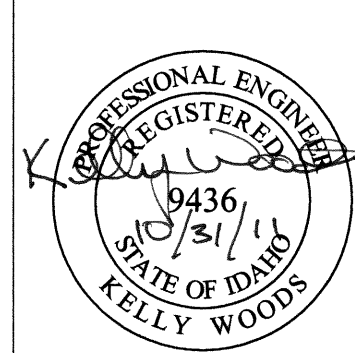
SECOND FLOOR KEY PLAN
NOT TO SCALE

FOR CONSTRUCTION



P2 BUILDING 85 - SECOND FLOOR SANITARY PLAN - AREA 'A'
SCALE: 1/4" = 1'-0"

POWER ENGINEERS
2041 South Cobalt Point Way
Meridian, Idaho 83642
208-288-6100



ZPA Architects and Planners, Chartered
565 W. Myrtle Street, Suite 225 Boise, Idaho 83702-7606

CAD FILE NAME:
531-317_P2.5A
XREF FILE NAME:
85A2FL
85P2WV
531-317_vAbord

DRAWING TITLE
SECOND FLOOR
SANITARY PLAN
AREA 'A'

APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE
APPROVED: MEDICAL CENTER DIRECTOR

PROJECT TITLE
REPLACE AND MODERNIZE
SURGERY / INTENSIVE
CARE UNIT

BUILDING NUMBER
85
LOCATION
VAMC BOISE, IDAHO

DATE
11/01/2011
PROJECT NO.
531-317
DRAWING NO.
P2.5A
DWG. 138 OF 188

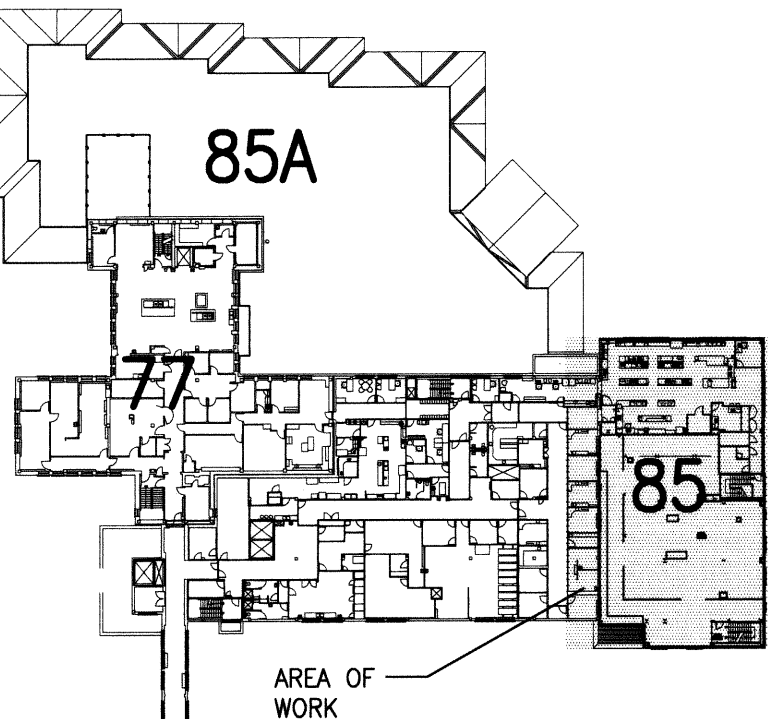
REVISIONS
DATE

GENERAL SHEET NOTES

- A. THIS PROJECT WILL BE ACCOMPLISHED IN PHASES. THE CONTRACTOR IS TO ALLOW A MINIMUM OF 14 DAYS DOWN TIME BETWEEN EACH PHASE. THIS IS TO ALLOW THE MEDICAL CENTER TIME TO RELOCATE PERSONNEL, EQUIPMENT, AND FURNISHINGS. ALL WORK IN A GIVEN PHASE (INCLUDING ALL PUNCHLIST ITEMS) MUST BE COMPLETED PRIOR TO THE VA DOWN TIME. DOWN TIME IS INCLUDED IN THE OVERALL PROJECT SCHEDULE.
- B. THE CEILING SPACE FROM THE BOTTOM OF THE CEILING GRID TO A MINIMUM OF 6" ABOVE THE BOTTOM OF THE CEILING GRID IS RESERVED FOR INSTALLATION OF CEILING MOUNTED ITEMS (I.E. LIGHT FIXTURES, SPEAKERS, DIFFUSERS). NO PIPING, DUCTWORK, CONDUITS, ETC., EXCEPT DROPS SERVING THE CEILING MOUNTED ITEMS, IS ALLOWED TO BE INSTALLED IN THIS SPACE, UNLESS OTHERWISE APPROVED BY THE RESIDENT ENGINEER.
- C. CONTRACTOR IS REQUIRED TO FOLLOW ALL OSHA REGULATIONS CONCERNING CONSTRUCTION. THE SUPERINTENDENT IS REQUIRED TO HAVE COMPLETED, AS A MINIMUM, OSHA'S 10-HOUR TRAINING AND BE KNOWLEDGEABLE OF GENERAL SAFETY REQUIREMENTS FOR CONFINED SPACES, FALL PROTECTION, PERSONAL PROTECTIVE EQUIPMENT, TRENCHING, SCAFFOLDING, CRANES, ELECTRICAL, ETC. APPLICABLE SUBCONTRACTORS ARE TO HAVE A COMPETENT PERSON ON SITE WHEN REQUIRED BY OSHA. IF ACCESSING A CONFINED SPACE, THE CONTRACTOR IS REQUIRED HAVE THEIR OWN CONFINED SPACE AIR MONITOR AND TO TEST THE AIR PRIOR TO ENTERING ANY CONFINED SPACE. IF THE CONTRACTOR MUST ENTER A SANITARY SEWER MANHOLE, IN ADDITION TO A CONFINED SPACE AIR MONITOR, THEY MUST HAVE PROPER OSHA RESCUE EQUIPMENT FOR A PERMIT REQUIRED CONFINED SPACE. WHERE IT IS NOT POSSIBLE FOR THE VA TO SHUTDOWN AN ELECTRICAL PANEL OR CIRCUIT, THE CONTRACTOR MUST PROVIDE AND USE THE APPROPRIATE SAFETY CLOTHING AND EQUIPMENT AS REQUIRED BY NFPA 70E. THE VA WILL BE MONITORING THE CONTRACTOR'S COMPLIANCE WITH OSHA REGULATIONS. FAILURE TO COMPLY IS GROUNDS FOR STOPPING WORK.
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- F. ALL SANITARY PIPING ABOVE FINISHED FLOOR IS TO BE HUNG AS TIGHT AS POSSIBLE TO STRUCTURE TO ALLOW FOR THE INSTALLATION OF HVAC SYSTEMS. COORDINATE ALL INVERT ELEVATIONS AND OFFSETS WITH HVAC CONTRACTOR.
- G. PIPING SHOWN LIGHT IS EXISTING, PIPING SHOWN BOLD IS NEW AND PART OF THIS CONTRACT.
- H. COORDINATE ALL PLUMBING INSTALLED OVER EXISTING DENTAL SUITE WITH EXISTING CONDITIONS AND VA WORK MAY HAVE TO BE DONE AFTER NORMAL WORKING HOURS.
- I. ALL SANITARY PIPING SHALL UTILIZE ADJUSTABLE CLEVIS HANGERS. REFERENCE DETAIL 2/P6.0 AND MECHANICAL SPECIFICATIONS.

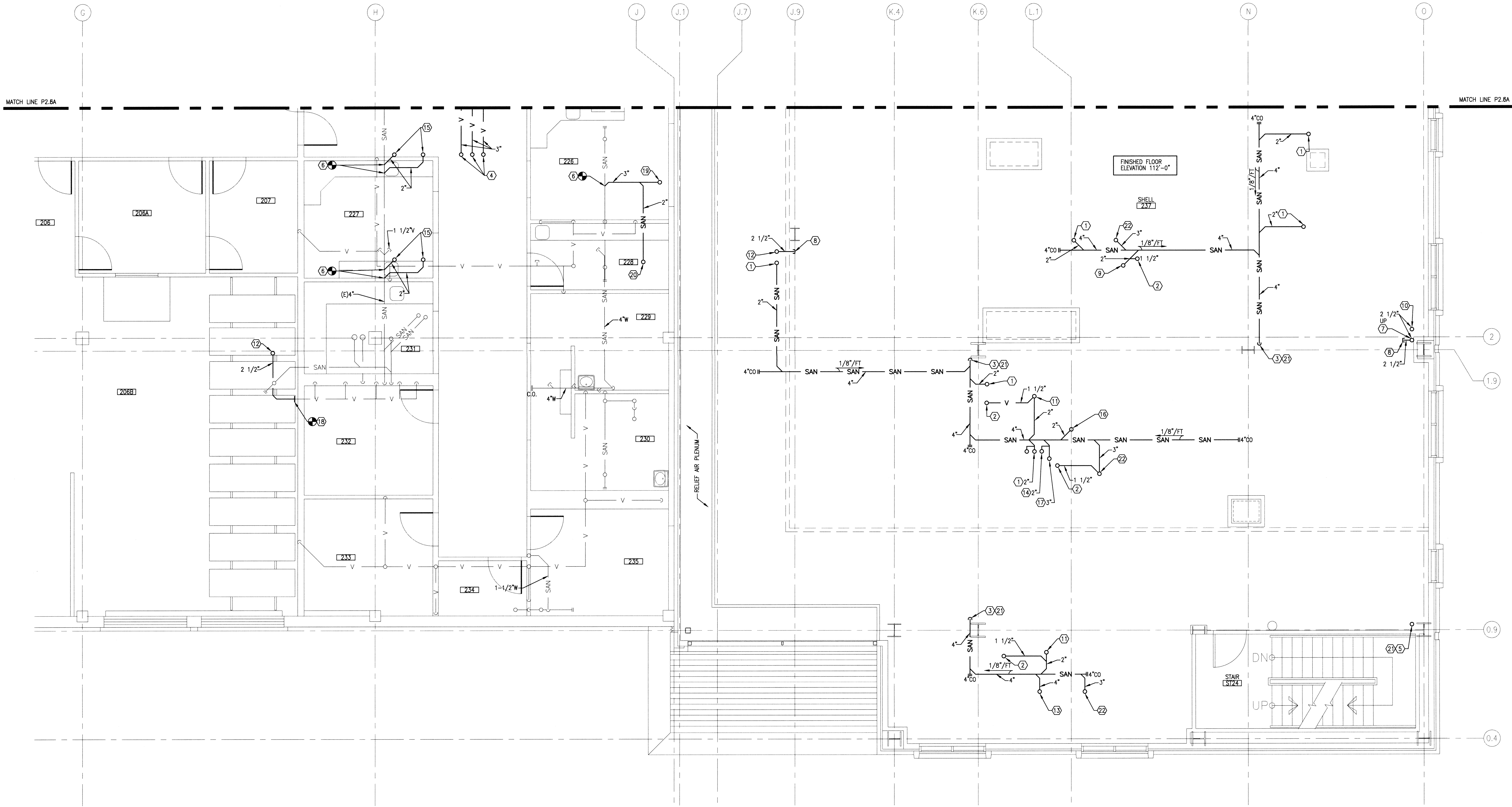
SHEET KEYNOTES

- 2" SANITARY WASTE DOWN FROM SINK ABOVE. SEE SHEET P2.6B FOR CONTINUATION.
- 1 1/2" SANITARY VENT UP TO FLOOR ABOVE FROM FLOOR SINK/FLOOR DRAIN. SEE SHEET P2.6B FOR CONTINUATION.
- DROP TO FLOOR BELOW WITH SANITARY WASTE. SEE SHEET P2.4 FOR CONTINUATION.
- RISE UP TO FLOOR ABOVE WITH 3" SEWAGE EJECTOR, VACUUM PUMP AND ORAL EVAC VENTS. SEE SHEET P2.6A FOR CONTINUATION.
- 3" PRIMARY STORM SEWER DOWN FROM FLOOR ABOVE AND CONTINUING DOWN TO FLOOR BELOW. SEE SHEETS P2.6B AND P2.4 FOR CONTINUATION.
- CONNECT TO EXISTING SANITARY WASTE ABOVE EXISTING EXAM ROOMS AT THIS LOCATION WITH NEW SANITARY WASTE PIPING. COORDINATE NEW ROUTING AND CONNECTION WITH EXISTING CONDITIONS.
- SANITARY VENT UP FROM FLOOR BELOW AND CONTINUING TO FLOOR ABOVE. SEE SHEETS P2.4 AND P2.6B FOR CONTINUATION.
- CAP VENT 2 INCHES BELOW STRUCTURE FOR FUTURE CONNECTION.
- 2" SANITARY WASTE DOWN FROM FLOOR SINK ABOVE. SEE SHEET P2.6B FOR CONTINUATION.
- 2 1/2" DECONTAMINATION TANK VENT UP FROM FLOOR BELOW AND CONTINUING UP TO FLOOR ABOVE. SEE SHEETS P2.4 AND P2.6B FOR CONTINUATION.
- 2" WASTE DOWN FROM FLOOR DRAIN ABOVE. SEE SHEET P2.6B FOR CONTINUATION.
- 2 1/2" SANITARY VENT UP TO FLOOR ABOVE. SEE SHEET P2.6B FOR CONTINUATION.
- 4" SANITARY WASTE STACK DOWN FROM FLOOR ABOVE. SEE SHEET P2.6B FOR CONTINUATION.
- 2" SANITARY VENT UP TO FLOOR ABOVE FROM SERVICE SINK. SEE SHEET P2.6B FOR CONTINUATION.
- 2" SANITARY WASTE DOWN FROM SURGICAL SCRUB SINK. SEE SHEET P2.6B FOR CONTINUATION.
- 2" SANITARY WASTE DOWN FROM VERNAL CARE EQUIPMENT. SEE SHEET P2.6B FOR CONTINUATION.
- 3" SANITARY WASTE DOWN FROM SERVICE SINK. SEE SHEET P2.6B FOR CONTINUATION.
- CONNECT TO EXISTING 2" VENT WITH NEW AT THIS LOCATION AND EXTEND AS SHOWN. COORDINATE NEW ROUTING WITH EXISTING CONDITIONS.
- 3" SANITARY WASTE DOWN FROM FUTURE STERILIZER EQUIPMENT. SEE SHEET P2.6B FOR CONTINUATION.
- 2" SANITARY VENT UP TO FLOOR ABOVE FROM FUTURE STERILIZER EQUIPMENT. SEE SHEET P2.6B FOR CONTINUATION.
- INSTALL CLEAN-OUT AT BASE OF STACK 6" ABOVE FINISHED FLOOR.
- 3" SANITARY WASTE DOWN FROM FLOOR ABOVE. SEE SHEET P2.6B FOR CONTINUATION.



SECOND FLOOR KEY PLAN
NOT TO SCALE

FOR CONSTRUCTION

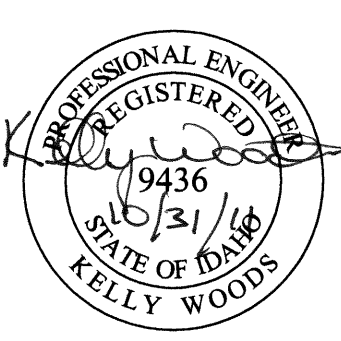


P2 BUILDING 85 - SECOND FLOOR SANITARY PLAN - AREA 'B'
SCALE: 1/4" = 1'-0"



REVISIONS	DATE

POWER ENGINEERS
2041 South Cobalt Point Way
Meridian, Idaho 83642
208-288-6100



ZPA Architects and Planners, Chartered
565 W. Myrtle Street, Suite 225 Boise, Idaho 83702-7606

CAD FILE NAME:
531-317_P2.5B
XREF FILE NAME:
85A2FL
85P2WV
531-317_xVAbord

DRAWING TITLE
SECOND FLOOR SANITARY PLAN AREA 'B'
APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE
APPROVED: MEDICAL CENTER DIRECTOR

PROJECT TITLE
REPLACE AND MODERNIZE SURGERY / INTENSIVE CARE UNIT
BUILDING NUMBER
85
CHECKED
JB
DRAWN
JA
LOCATION
VAMC BOISE, IDAHO

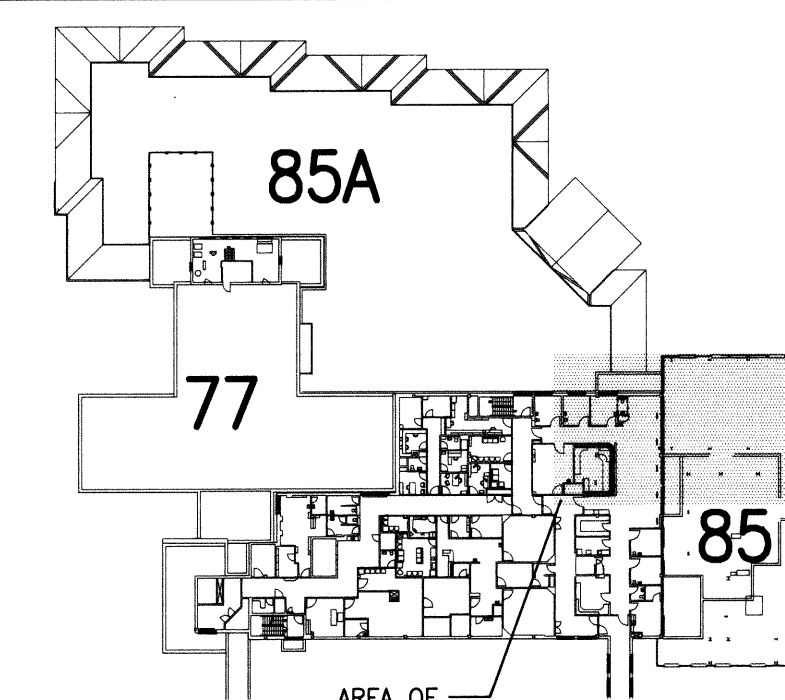
DATE
11/01/2011
PROJECT NO.
531-317
DRAWING NO.
P2.5B
DWG 139 OF 188

GENERAL SHEET NOTES

- THIS PROJECT WILL BE ACCOMPLISHED IN PHASES. THE CONTRACTOR IS TO ALLOW A MINIMUM OF 14 DAYS DOWN TIME BETWEEN EACH PHASE. THIS IS TO ALLOW THE MEDICAL CENTER TIME TO RELOCATE PERSONNEL, EQUIPMENT, AND FURNISHINGS. ALL WORK IN A GIVEN PHASE (INCLUDING ALL PUNCHLIST ITEMS) MUST BE COMPLETED PRIOR TO THE VA DOWN TIME. DOWN TIME IS INCLUDED IN THE OVERALL PROJECT SCHEDULE.
- THE CEILING SPACE FROM THE BOTTOM OF THE CEILING GRID TO A MINIMUM OF 6" ABOVE THE BOTTOM OF THE CEILING GRID IS RESERVED FOR INSTALLATION OF CEILING MOUNTED ITEMS (I.E. LIGHT FIXTURES, SPEAKERS, DIFFUSERS), NO PIPING, DUCTWORK, CONDUITS, ETC., EXCEPT DROPS SERVING THE CEILING MOUNTED ITEMS, IS ALLOWED TO BE INSTALLED IN THIS SPACE, UNLESS OTHERWISE APPROVED BY THE RESIDENT ENGINEER.
- CONTRACTOR IS REQUIRED TO FOLLOW ALL OSHA REGULATIONS CONCERNING CONSTRUCTION. THE SUPERINTENDENT IS REQUIRED TO HAVE COMPLETED, AS A MINIMUM, OSHA'S 10-HOUR TRAINING AND BE KNOWLEDGEABLE OF GENERAL SAFETY REQUIREMENTS FOR CONFINED SPACES, FALL PROTECTION, PERSONAL PROTECTIVE EQUIPMENT, TRENCHING, SCAFFOLDING, CRANES, ELECTRICAL, ETC. APPLICABLE SUBCONTRACTORS ARE TO HAVE A COMPETENT PERSON ON SITE WHEN REQUIRED BY OSHA. IF ACCESSING A CONFINED SPACE, THE CONTRACTOR IS REQUIRED HAVE THEIR OWN CONFINED SPACE AIR MONITOR AND TO TEST THE AIR PRIOR TO ENTERING ANY CONFINED SPACE. IF THE CONTRACTOR MUST ENTER A SANITARY SEWER MANHOLE, IN ADDITION TO A CONFINED SPACE AIR MONITOR, THEY MUST HAVE PROPER OSHA RESCUE EQUIPMENT FOR A PERMIT REQUIRED CONFINED SPACE, WHERE IT IS NOT POSSIBLE FOR THE VA TO SHUTDOWN AN ELECTRICAL PANEL OR CIRCUIT, THE CONTRACTOR MUST PROVIDE AND USE THE APPROPRIATE SAFETY CLOTHING AND EQUIPMENT AS REQUIRED BY NFPA 70E. THE VA WILL BE MONITORING THE CONTRACTOR'S COMPLIANCE WITH OSHA REGULATIONS. FAILURE TO COMPLY IS GROUNDS FOR STOPPING WORK.
- ALL PIPING IN FINISHED ROOMS OR SPACES SHALL BE CONCEALED IN A FURRED CHASE OR ABOVE THE HARD SUSPENDED CEILING.
- ACCESS PANELS IN HARD SUSPENDED CEILINGS ARE REQUIRED FOR ALL VALVES, TRAPS, CLEANOUTS, CONTROLS, ETC. ACCESS PANELS SHALL BE FURNISHED AND INSTALLED UNDER THE ARCHITECTURAL SPECIFICATIONS.
- ALL SANITARY PIPING ABOVE FINISHED FLOOR IS TO BE HUNG AS TIGHT AS POSSIBLE TO STRUCTURE TO ALLOW FOR THE INSTALLATION OF HVAC SYSTEMS. COORDINATE ALL INVERT ELEVATIONS AND OFFSETS WITH HVAC CONTRACTOR.
- PIPING SHOWN LIGHT IS EXISTING. PIPING SHOWN BOLD IS NEW AND PART OF THIS CONTRACT.
- SEE PLUMBING FIXTURE SCHEDULE ON SHEET P0.2 FOR TECHNICAL AND DESIGN BASIS INFORMATION.
- ALL SANITARY PIPING SHALL UTILIZE ADJUSTABLE CLEVIS HANGERS. REFERENCE DETAIL 2/P6.0 AND MECHANICAL SPECIFICATIONS.

SHEET KEYNOTES

- 4" SANITARY WASTE DOWN TO FLOOR BELOW FROM WATER CLOSET. SEE SHEET P2.5A FOR CONTINUATION.
- 2" SANITARY WASTE DOWN TO FLOOR BELOW FROM HEMODIALYSIS BOX. SEE SHEET P2.5A FOR CONTINUATION. SEE DETAIL 1/P6.0.
- 2" SANITARY WASTE DOWN TO FLOOR BELOW FROM SINK. SEE SHEET P2.5A FOR CONTINUATION.
- 1 1/2" SANITARY VENT UP FROM FLOOR BELOW FROM HEMODIALYSIS BOX. SEE SHEET P2.5A FOR CONTINUATION.
- SANITARY VENT UP THROUGH ROOF. SEE SHEET P2.8A FOR CONTINUATION.
- 1 1/2" SANITARY VENT UP FROM SINK.
- 2" SANITARY VENT UP FROM WATER CLOSET.
- PRIMARY AND SECONDARY STORM SEWER FROM ROOF ABOVE. SEE SHEET P2.8A FOR CONTINUATION.
- 5" PRIMARY AND SECONDARY STORM SEWER DOWN TO FLOOR BELOW. SEE SHEET P2.5A FOR CONTINUATION.
- CONNECT TO EXISTING SANITARY VENT WITH NEW SANITARY VENT AT THIS LOCATION. VERIFY CONNECTION SIZE WITH EXISTING VENT.
- PROVIDE SANITARY SEWER WALL CLEAN OUT AT THIS LOCATION. SEE DETAIL 7/P6.0.
- LOCATION OF HEMODIALYSIS UTILITY BOX. COORDINATE MOUNTING HEIGHT AND LOCATION WITH ARCHITECTURAL PLANS.
- COORDINATE COLOR OF COUNTERTOP FOR SWINSETTE WITH INTERIOR DESIGN PLANS AND VA.
- FLOOR CLEAN-OUT. SEE SHEET P2.5A FOR CONTINUATION. COORDINATE LOCATION WITH ROOM EQUIPMENT AND FLOOR FINISH. PROVIDE CLEAN-OUT IN ACCESSIBLE LOCATION.
- 2" SANITARY VENT UP FROM FLOOR BELOW. SEE SHEET P2.5A FOR CONTINUATION.
- OFFSET 2" WASTE INSIDE WALL FROM SINK AT THIS LOCATION.
- OFFSET 2" WASTE INSIDE WALL AT FIXTURE AROUND STRUCTURAL COLUMN.
- 2" SANITARY WASTE DOWN TO FLOOR BELOW FROM FLOOR DRAIN. SEE SHEET P2.5A FOR CONTINUATION.
- 1 1/2" VENT UP FROM FLOOR BELOW FROM FLOOR DRAIN. SEE SHEET P2.5A FOR CONTINUATION.
- 4" SANITARY WASTE STACK DOWN TO FLOOR BELOW. SEE SHEET P2.5A FOR CONTINUATION.
- 2" SANITARY WASTE DOWN TO FLOOR BELOW FROM DRINKING FOUNTAIN. SEE SHEET P2.5A FOR CONTINUATION.
- 1 1/2" SANITARY VENT UP FROM DRINKING FOUNTAIN.
- 2 1/2" SANITARY VENT UP FROM FLOOR BELOW AND CONTINUING UP THROUGH ROOF. INCREASE SANITARY VENT SIZE TO 3" PRIOR TO PENETRATING ROOF STRUCTURE. SEE SHEETS P2.5A AND P2.8A FOR CONTINUATION.

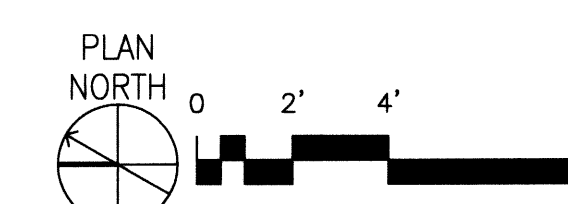


THIRD FLOOR KEY PLAN
NOT TO SCALE

FOR CONSTRUCTION



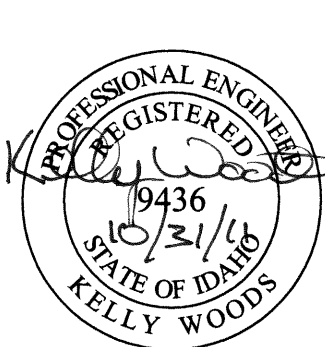
P2 BUILDING 85 - THIRD FLOOR SANITARY PLAN - AREA 'A'
SCALE: 1/4" = 1'-0"



REVISIONS

DATE

POWER ENGINEERS
2041 South Cobalt Point Way
Meridian, Idaho 83642
208-288-6100



ZPA Architects and Planners, Chartered
565 W. Myrtle Street, Suite 225 Boise, Idaho 83702-7606

CAD FILE NAME:
531-317_P26A
XREF FILE NAME:
85A3FL
85P3W/
531-317_vAabord

DRAWING TITLE
THIRD FLOOR
SANITARY PLAN
AREA 'A'

APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE
APPROVED: MEDICAL CENTER DIRECTOR

PROJECT TITLE
REPLACE AND MODERNIZE
SURGERY / INTENSIVE
CARE UNIT

BUILDING NUMBER
85
LOCATION
VAMC BOISE, IDAHO

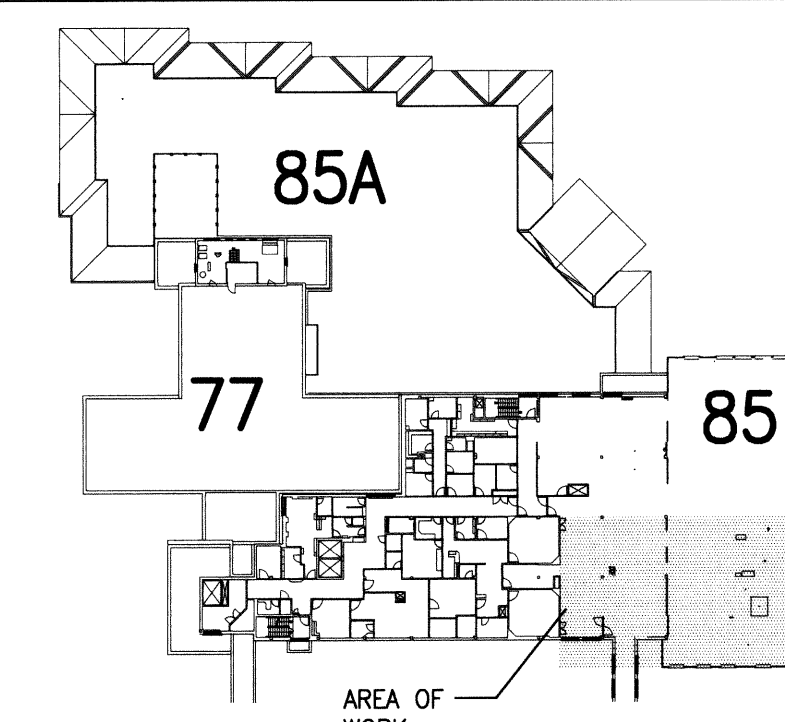
DATE
11/01/2011
PROJECT NO.
531-317
DRAWING NO.
P2.6A
DWG. 140 OF 188

GENERAL SHEET NOTES

- A. THIS PROJECT WILL BE ACCOMPLISHED IN PHASES. THE CONTRACTOR IS TO ALLOW A MINIMUM OF 14 DAYS DOWN TIME BETWEEN EACH PHASE. THIS IS TO ALLOW THE MEDICAL CENTER TIME TO RELOCATE PERSONNEL, EQUIPMENT, AND FURNISHINGS. ALL WORK IN A GIVEN PHASE (INCLUDING ALL PUNCHLIST ITEMS) MUST BE COMPLETED PRIOR TO THE VA DOWN TIME. DOWN TIME IS INCLUDED IN THE OVERALL PROJECT SCHEDULE.
- B. THE CEILING SPACE FROM THE BOTTOM OF THE CEILING GRID TO A MINIMUM OF 6" ABOVE THE BOTTOM OF THE CEILING GRID IS RESERVED FOR INSTALLATION OF CEILING MOUNTED ITEMS (I.E. LIGHT FIXTURES, SPEAKERS, DIFFUSERS). NO PIPING, DUCTWORK, CONDUITS, ETC., EXCEPT DROPS SERVING THE CEILING MOUNTED ITEMS, IS ALLOWED TO BE INSTALLED IN THIS SPACE, UNLESS OTHERWISE APPROVED BY THE RESIDENT ENGINEER.
- C. CONTRACTOR IS REQUIRED TO FOLLOW ALL OSHA REGULATIONS CONCERNING CONSTRUCTION. THE SUPERINTENDENT IS REQUIRED TO HAVE COMPLETED, AS A MINIMUM, OSHA'S 10-HOUR TRAINING AND BE KNOWLEDGEABLE OF GENERAL SAFETY REQUIREMENTS FOR CONFINED SPACES, FALL PROTECTION, PERSONAL PROTECTIVE EQUIPMENT, TRENCHING, SCAFFOLDING, CRANES, ELECTRICAL, ETC. APPLICABLE SUBCONTRACTORS ARE TO HAVE A COMPETENT PERSON ON SITE WHEN REQUIRED BY OSHA. IF ACCESSING A CONFINED SPACE, THE CONTRACTOR IS REQUIRED HAVE THEIR OWN CONFINED SPACE AIR MONITOR AND TO TEST THE AIR PRIOR TO ENTERING ANY CONFINED SPACE. IF THE CONTRACTOR MUST ENTER A SANITARY SEWER MANHOLE, IN ADDITION TO A CONFINED SPACE AIR MONITOR, THEY MUST HAVE PROPER OSHA RESCUE EQUIPMENT FOR A PERMIT REQUIRED CONFINED SPACE, WHERE IT IS NOT POSSIBLE FOR THE VA TO SHUTDOWN AN ELECTRICAL PANEL OR CIRCUIT, THE CONTRACTOR MUST PROVIDE AND USE THE APPROPRIATE SAFETY CLOTHING AND EQUIPMENT AS REQUIRED BY NFPA 70E. THE VA WILL BE MONITORING THE CONTRACTOR'S COMPLIANCE WITH OSHA REGULATIONS. FAILURE TO COMPLY IS GROUNDS FOR STOPPING WORK.
- D. ALL PIPING IN FINISHED ROOMS OR SPACES SHALL BE CONCEALED IN A FURRED CHASE OR ABOVE THE HARD SUSPENDED CEILING.
- E. ACCESS PANELS IN HARD SUSPENDED CEILINGS ARE REQUIRED FOR ALL VALVES, TRAPS, CLEANOUTS, CONTROLS, ETC. ACCESS PANELS SHALL BE FURNISHED AND INSTALLED UNDER THE ARCHITECTURAL SPECIFICATIONS.
- F. ALL SANITARY PIPING ABOVE FINISHED FLOOR IS TO BE HUNG AS TIGHT AS POSSIBLE TO STRUCTURE TO ALLOW FOR THE INSTALLATION OF HVAC SYSTEMS. COORDINATE ALL INVERT ELEVATIONS AND OFFSETS WITH HVAC CONTRACTOR.
- G. PIPING SHOWN LIGHT IS EXISTING. PIPING SHOWN BOLD IS NEW AND PART OF THIS CONTRACT.
- H. SEE PLUMBING FIXTURE SCHEDULE ON SHEET P0.2 FOR TECHNICAL AND DESIGN BASIS INFORMATION.
- I. ALL SANITARY PIPING SHALL UTILIZE ADJUSTABLE CLEVIS HANGERS. REFERENCE DETAIL 2/P6.0 AND MECHANICAL SPECIFICATIONS.

SHEET KEYNOTES

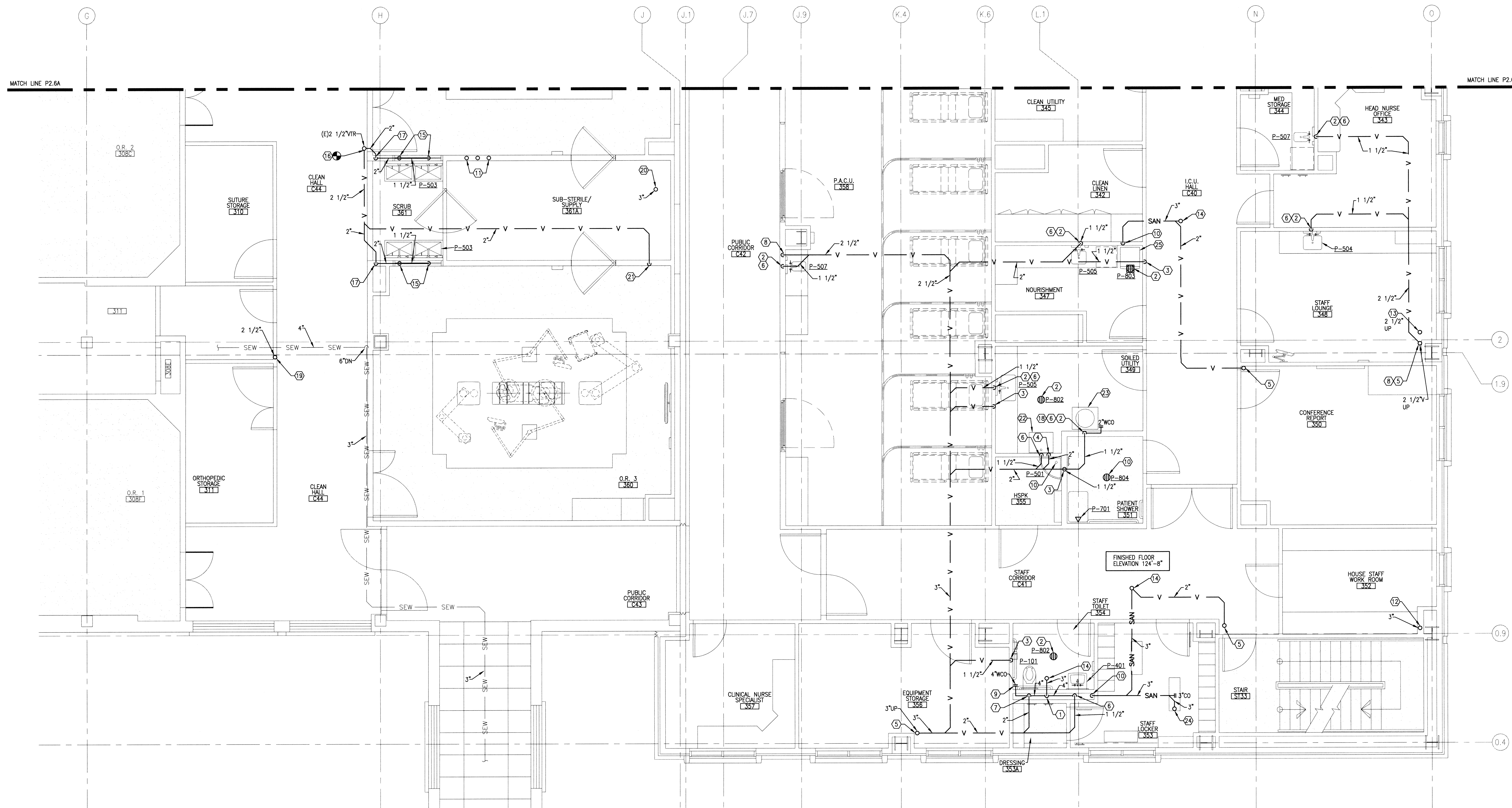
- 4" SANITARY WASTE DOWN TO FLOOR BELOW. SEE SHEET P2.5B FOR CONTINUATION.
- 2" SANITARY WASTE DOWN TO FLOOR BELOW. SEE SHEET P2.5B FOR CONTINUATION.
- 1 1/2" SANITARY VENT UP FROM FLOOR BELOW. SEE SHEET P2.5B FOR CONTINUATION.
- 2" SANITARY VENT UP FROM FLOOR BELOW. SEE SHEET P2.5B FOR CONTINUATION.
- 2" SANITARY VENT UP TO PENTHOUSE. SEE SHEET P2.7 FOR CONTINUATION.
- 1 1/2" SANITARY VENT UP FROM FIXTURE.
- 2" SANITARY VENT UP FROM FIXTURE.
- 2 1/2" SANITARY VENT UP FROM FLOOR BELOW. SEE SHEET P2.5B FOR CONTINUATION.
- PROVIDE WALL CLEAN-OUT AT THIS LOCATION. SEE DETAIL 7/P6.0.
- 3" SANITARY WASTE DOWN TO FLOOR BELOW. SEE SHEET P2.5B FOR CONTINUATION.
- 3" SANITARY SEWAGE EJECTOR, VACUUM PUMP AND ORAL EVAC VENTS UP FROM FLOOR BELOW AND CONTINUING UP THROUGH ROOF. SEE SHEETS P2.5A AND P2.8B FOR CONTINUATION.
- 3" PRIMARY STORM SEWER DOWN FROM PENTHOUSE AND CONTINUING DOWN TO FLOOR BELOW. SEE SHEETS P2.7 AND P2.5B FOR CONTINUATION. COORDINATE FLOOR PENETRATION LOCATION WITH WALL FURRING AND STRUCTURAL STEEL.
- 2 1/2" DECONTAMINATION TANK VENT UP FROM FLOOR BELOW AND CONTINUING UP TO PENTHOUSE. SEE SHEETS P2.5B AND P2.7 FOR CONTINUATION.
- 3" SANITARY WASTE DOWN FROM FLOOR DRAIN/FLOOR SINK ABOVE. SEE SHEET P2.7 FOR CONTINUATION.
- OFFSET VENT FROM SCRUB SINK INSIDE WALL BELOW WINDOW. COORDINATE HORIZONTAL OFFSET WITH WALL CONSTRUCTION AND FIXTURE PLACEMENT.
- CONNECT TO EXISTING SANITARY VENT AT THIS LOCATION WITH NEW SANITARY VENT. VERIFY CONNECTION SIZE WITH EXISTING VENT.
- RISE UP ABOVE CEILING AT THIS LOCATION WITH SANITARY VENT.
- VERIFY SANITARY WASTE CONNECTION AND ROUGH-IN HEIGHT TO EXISTING VERNA CARE UNIT PROVIDED BY OWNER. INSTALL ACCESSIBLE 2" WALL CLEAN-OUT AT FLOOR PENETRATION. SEE KEYED NOTE 9.
- 2 1/2" SANITARY VENT UP FROM FLOOR BELOW AND CONTINUING UP THROUGH EXISTING ROOF STRUCTURE. SEE SHEETS P2.5B AND P2.8B FOR CONTINUATION.
- PROVIDE 3" SANITARY WASTE FOR FUTURE STERILIZER UNIT CAP WASTE PIPING 6" ABOVE FINISHED FLOOR. SEE SHEET P2.6B FOR CONTINUATION.
- 2" SANITARY VENT UP FROM FLOOR BELOW. SEE SHEET P2.5B FOR CONTINUATION.
- RELOCATED SOILED UTILITY SINK. SEE SHEET P1.1B.
- RELOCATED VERNA CARE UNIT SEE SHEET P1.1B.
- 3" SANITARY WASTE DOWN FROM SINK ABOVE. SEE SHEET P2.7 FOR CONTINUATION.
- ROUTE 1/2" CONDENSATE DRAIN FROM ICE MACHINE TO FLOOR SINK.



THIRD FLOOR KEY PLAN

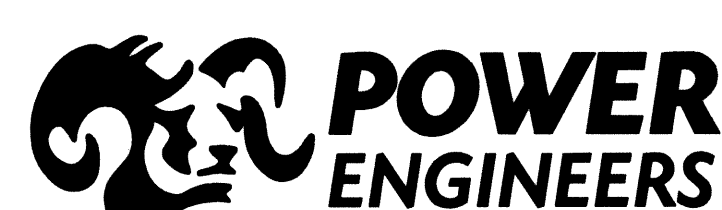
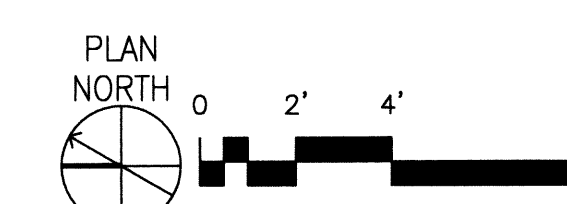


FOR CONSTRUCTION

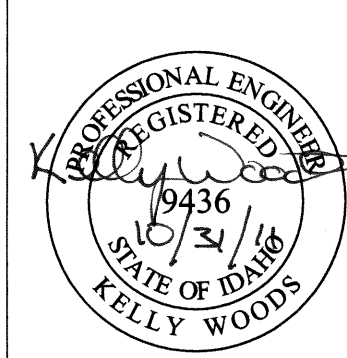


P2 BUILDING 85 - THIRD FLOOR SANITARY PLAN - AREA 'B'

SCALE: 1/4" = 1'-0"



2041 South Cobalt Point Way
Meridian, Idaho 83642
208-288-6100



Architects and Planners, Chartered
565 W. Myrtle Street, Suite 225 Boise, Idaho 83702-7606

CAD FILE NAME:
531-317_P26B
XREF FILE NAME:
85A3FL
85P3WV
531-317_xVAbord

DRAWING TITLE
THIRD FLOOR
SANITARY PLAN
AREA 'B'

APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE

APPROVED: MEDICAL CENTER DIRECTOR

PROJECT TITLE
REPLACE AND MODERNIZE
SURGERY / INTENSIVE
CARE UNIT

BUILDING NUMBER

85

CHECKED

JB

DRAWN

JA

LOCATION

VAMC BOISE, IDAHO

DATE
11/01/2011PROJECT NO.
531-317DRAWING NO.
P2.6B

DWG 141 OF 188

REVISIONS

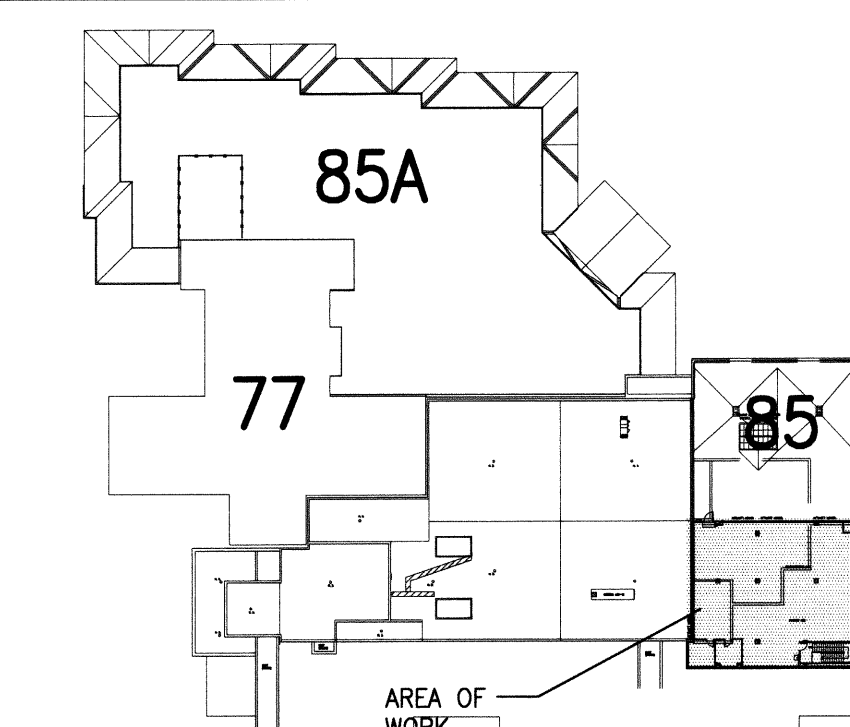
DATE

GENERAL SHEET NOTES

- THIS PROJECT WILL BE ACCOMPLISHED IN PHASES. THE CONTRACTOR IS TO ALLOW A MINIMUM OF 14 DAYS DOWN TIME BETWEEN EACH PHASE. THIS IS TO ALLOW THE MEDICAL CENTER TIME TO RELOCATE PERSONNEL, EQUIPMENT, AND FURNISHINGS. ALL WORK IN A GIVEN PHASE (INCLUDING ALL PUNCHLIST ITEMS) MUST BE COMPLETED PRIOR TO THE VA DOWN TIME. DOWN TIME IS INCLUDED IN THE OVERALL PROJECT SCHEDULE.
- THE CEILING SPACE FROM THE BOTTOM OF THE CEILING GRID TO A MINIMUM OF 6" ABOVE THE BOTTOM OF THE CEILING GRID IS RESERVED FOR INSTALLATION OF CEILING MOUNTED ITEMS (I.E. LIGHT FIXTURES, SPEAKERS, DIFFUSERS). NO PIPING, DUCTWORK, CONDUITS, ETC., EXCEPT DROPS SERVING THE CEILING MOUNTED ITEMS, IS ALLOWED TO BE INSTALLED IN THIS SPACE, UNLESS OTHERWISE APPROVED BY THE RESIDENT ENGINEER.
- CONTRACTOR IS REQUIRED TO FOLLOW ALL OSHA REGULATIONS CONCERNING CONSTRUCTION. THE SUPERINTENDENT IS REQUIRED TO HAVE COMPLETED, AS A MINIMUM, OSHA'S 10-HOUR TRAINING AND BE KNOWLEDGEABLE OF GENERAL SAFETY REQUIREMENTS FOR CONFINED SPACES, FALL PROTECTION, PERSONAL PROTECTIVE EQUIPMENT, TRENCHING, SCAFFOLDING, CRANES, ELECTRICAL, ETC. APPLICABLE SUBCONTRACTORS ARE TO HAVE A COMPETENT PERSON ON SITE WHEN REQUIRED BY OSHA. IF ACCESSING A CONFINED SPACE, THE CONTRACTOR IS REQUIRED HAVE THEIR OWN CONFINED SPACE AIR MONITOR AND TO TEST THE AIR PRIOR TO ENTERING ANY CONFINED SPACE. IF THE CONTRACTOR MUST ENTER A SANITARY SEWER MANHOLE, IN ADDITION TO A CONFINED SPACE AIR MONITOR, THEY MUST HAVE PROPER OSHA RESCUE EQUIPMENT FOR A PERMIT REQUIRED CONFINED SPACE, WHERE IT IS NOT POSSIBLE FOR THE VA TO SHUTDOWN AN ELECTRICAL PANEL OR CIRCUIT, THE CONTRACTOR MUST PROVIDE AND USE THE APPROPRIATE SAFETY CLOTHING AND EQUIPMENT AS REQUIRED BY NFPA 70E. THE VA WILL BE MONITORING THE CONTRACTOR'S COMPLIANCE WITH OSHA REGULATIONS. FAILURE TO COMPLY IS GROUNDS FOR STOPPING WORK.
- ALL SANITARY PIPING ABOVE FINISHED FLOOR IS TO BE HUNG AS TIGHT AS POSSIBLE TO STRUCTURE TO ALLOW FOR THE INSTALLATION OF HVAC SYSTEMS. COORDINATE ALL INVERT ELEVATIONS AND OFFSETS WITH HVAC CONTRACTOR.
- SEE PLUMBING FIXTURE SCHEDULE ON SHEET P0.2 FOR TECHNICAL AND DESIGN BASIS INFORMATION.
- ALL SANITARY PIPING SHALL UTILIZE ADJUSTABLE CLEVIS HANGERS. REFERENCE DETAIL 2/P6.0 AND MECHANICAL SPECIFICATIONS.

SHEET KEYNOTES

- SANITARY VENT UP FROM FLOOR BELOW AND CONTINUING UP THROUGH ROOF OF PENTHOUSE. SEE SHEETS P2.6B AND P2.8B FOR CONTINUATION.
- INCREASE SANITARY VENT SIZE TO 3" PRIOR TO PENETRATING ROOF STRUCTURE.
- 2 1/2" DECONTAMINATION TANK VENT UP FROM FLOOR BELOW. SEE SHEET P2.6B FOR CONTINUATION.
- 3" PRIMARY STORM SEWER DOWN FROM ROOF. SEE SHEET P2.8B FOR CONTINUATION.
- 3" SECONDARY STORM SEWER DOWN FROM ROOF. SEE SHEET P2.8B FOR CONTINUATION.
- DAYLIGHT BELOW PENTHOUSE ROOF STRUCTURE WITH DOWNSPOUT NOZZLE. SEE DETAIL 5/P6.0.
- 3" PRIMARY STORM SEWER DOWN TO FLOOR BELOW. SEE SHEET P2.6B FOR CONTINUATION.
- 2" SANITARY VENT UP THROUGH ROOF FROM FIXTURE. SEE SHEET P2.8B FOR CONTINUATION.
- 3" SANITARY WASTE DOWN TO FLOOR BELOW. SEE SHEET P2.6B FOR CONTINUATION.
- INSTALL CLEAN-OUT AT BASE OF STACK 6" ABOVE FINISHED FLOOR.
- DROP DOWN BENEATH STRUCTURE AT THIS LOCATION.
- NOT USED.
- 2 1/2" SANITARY VENT UP FROM FLOOR BELOW. SEE SHEET P2.6B FOR CONTINUATION.
- SANITARY VENT UP THROUGH ROOF. SEE SHEET P2.8B FOR CONTINUATION.
- DECONTAMINATION VENT UP THROUGH ROOF. SEE SHEET P2.8B FOR CONTINUATION.
- 2" SANITARY VENT UP FROM FLOOR BELOW AND CONTINUING UP THROUGH ROOF. SEE SHEETS P2.6B AND P2.8B FOR CONTINUATION.
- PROVIDE CONDENSATE TRAP AT EQUIPMENT CONNECTION. SEE DETAIL 11/M5.0.
- 2" SANITARY VENT UP FROM FLOOR BELOW. SEE SHEET P2.6B FOR CONTINUATION.



PENTHOUSE KEY PLAN
NOT TO SCALE

FOR CONSTRUCTION



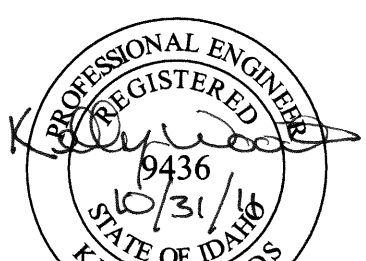
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11/01/2011
PROJECT NO.
531-317
DRAWING NO.
P2.7
DWG 142 OF 188

PROJECT TITLE
REPLACE AND MODERNIZE
SURGERY / INTENSIVE
CARE UNIT
BUILDING NUMBER
85
CHECKED
JB
DRAWN
JA
LOCATION
VAMC BOISE, IDAHO

DRAWING TITLE
PENTHOUSE
SANITARY PLAN
APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE
APPROVED: MEDICAL CENTER DIRECTOR

CAD FILE NAME:
531-317_P27
XREF FILE NAME:
85APH
85PPHHV
85MPHHV
531-317_xVabord

ZPA Architects and Planners, Chartered
565 W. Myrtle Street, Suite 225 Boise, Idaho 83702-7606



POWER ENGINEERS
2041 South Cobalt Point Way
Meridian, Idaho 83642
208-288-6100

P2 BUILDING 85 - PENTHOUSE SANITARY PLAN
SCALE: 1/4" = 1'-0"

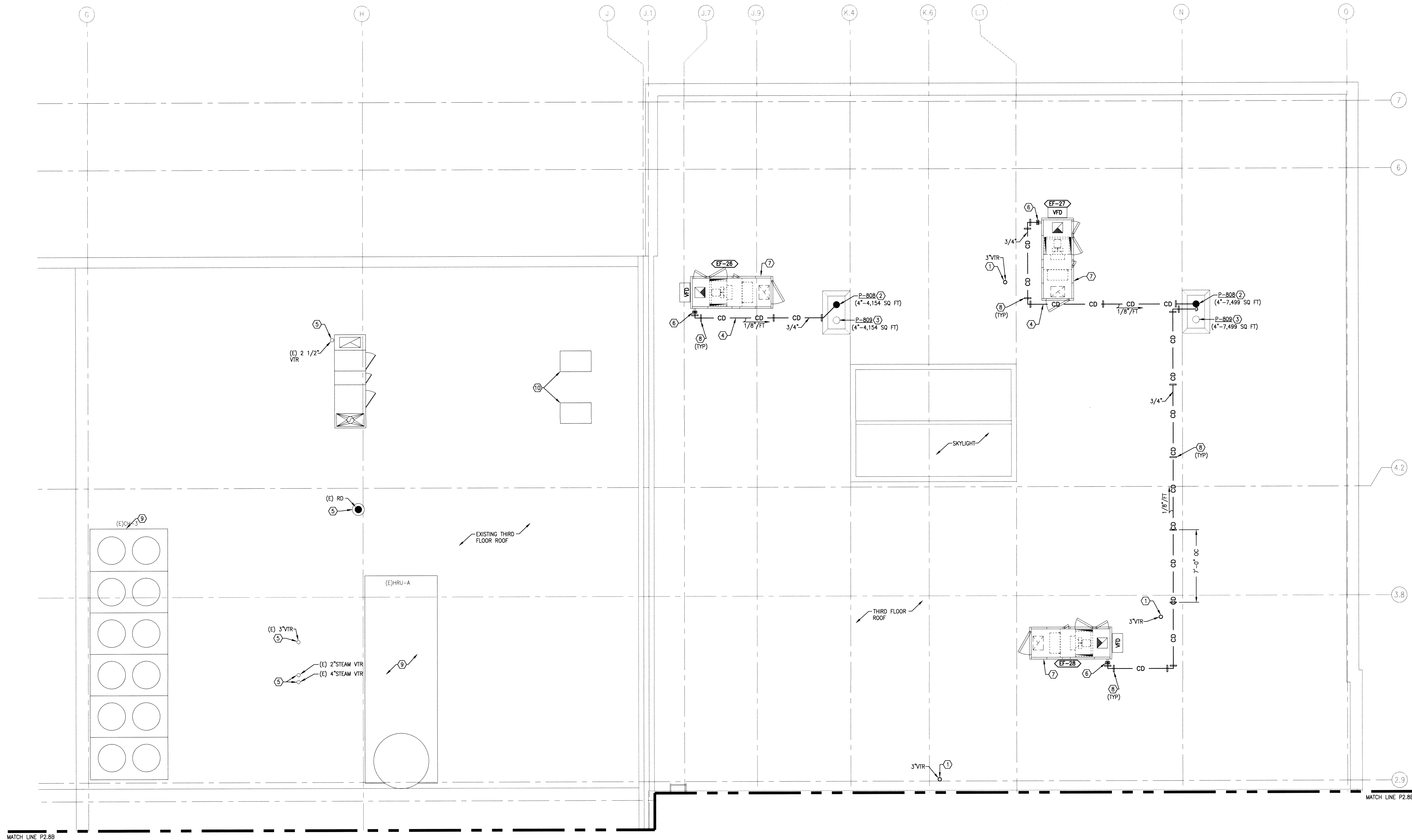
REVISIONS	DATE

GENERAL SHEET NOTES

- A. THIS PROJECT WILL BE ACCOMPLISHED IN PHASES. THE CONTRACTOR IS TO ALLOW A MINIMUM OF 14 DAYS DOWN TIME BETWEEN EACH PHASE. THIS IS TO ALLOW THE MEDICAL CENTER TIME TO RELOCATE PERSONNEL, EQUIPMENT, AND FURNISHINGS. ALL WORK IN A GIVEN PHASE (INCLUDING ALL PUNCHLIST ITEMS) MUST BE COMPLETED PRIOR TO THE VA DOWN TIME. DOWN TIME IS INCLUDED IN THE OVERALL PROJECT SCHEDULE.
- B. CONTRACTOR IS REQUIRED TO FOLLOW ALL OSHA REGULATIONS CONCERNING CONSTRUCTION. THE SUPERINTENDENT IS REQUIRED TO HAVE COMPLETED, AS A MINIMUM, OSHA'S 10-HOUR TRAINING AND BE KNOWLEDGEABLE OF GENERAL SAFETY REQUIREMENTS FOR CONFINED SPACES, FALL PROTECTION, PERSONAL PROTECTIVE EQUIPMENT, TRENCHING, SCAFFOLDING, CRANES, ELECTRICAL, ETC. APPLICABLE SUBCONTRACTORS ARE TO HAVE A COMPETENT PERSON ON SITE WHEN REQUIRED BY OSHA. IF ACCESSING A CONFINED SPACE, THE CONTRACTOR IS REQUIRED HAVE THEIR OWN CONFINED SPACE AIR MONITOR AND TO TEST THE AIR PRIOR TO ENTERING ANY CONFINED SPACE. IF THE CONTRACTOR MUST ENTER A SANITARY SEWER MANHOLE, IN ADDITION TO A CONFINED SPACE AIR MONITOR, THEY MUST HAVE PROPER OSHA RESCUE EQUIPMENT FOR A PERMIT REQUIRED CONFINED SPACE, WHERE IT IS NOT POSSIBLE FOR THE VA TO SHUTDOWN AN ELECTRICAL PANEL OR CIRCUIT, THE CONTRACTOR MUST PROVIDE AND USE THE APPROPRIATE SAFETY CLOTHING AND EQUIPMENT AS REQUIRED BY NFPA 70E. THE VA WILL BE MONITORING THE CONTRACTOR'S COMPLIANCE WITH OSHA REGULATIONS. FAILURE TO COMPLY IS GROUNDS FOR STOPPING WORK.
- C. ALL ROOF DRAIN BODIES SHALL BE HEAT TRACED. COORDINATE INSTALLATION WITH ELECTRICAL CONTRACTOR.

SHEET KEYNOTES

- 3" SANITARY VENT THROUGH ROOF AT THIS LOCATION. SEE SHEET P2.6A FOR CONTINUATION. SEE DETAIL 3/P.6.
- PRIMARY STORM SEWER DRAIN. COORDINATE LOCATION WITH ARCHITECTURAL PLANS AND SEE SHEET P2.6A FOR CONTINUATION. REFERENCE PLUMBING SCHEDULES ON SHEET P0.2 FOR MAKE AND MODEL. SEE DETAIL 4/P.6.0.
- SECONDARY STORM SEWER DRAIN. COORDINATE LOCATION WITH ARCHITECTURAL PLANS AND SEE SHEET P2.6A FOR CONTINUATION. REFERENCE PLUMBING SCHEDULES ON SHEET P0.2 FOR MAKE AND MODEL. SEE DETAIL 4/P.6.0.
- ROUTE CONDENSATE DRAIN FROM EQUIPMENT TO PRIMARY STORM DRAIN. VERIFY CONDENSATE CONNECTION LOCATION WITH EQUIPMENT SUPPLIER. CONDENSATE PIPING SHALL BE SAME SIZE AS EQUIPMENT CONNECTION.
- EXISTING PLUMBING SHOWN FOR COORDINATION.
- PROVIDE CONDENSATE TRAP AT EQUIPMENT CONNECTION. SEE DETAIL 11/M.6.0.
- LOCATION OF ISOLATION ROOM EXHAUST FAN UNIT. COORDINATE EQUIPMENT LOCATION AND ACCESS TO UNIT WITH HVAC CONTRACTOR.
- CONDENSATE PIPING AND ROOF SUPPORT SYSTEM. PROVIDE SUPPORT AT ELBOWS AND EVERY 7'-0" ON CENTER TO TERMINATION POINT.
- EXISTING MECHANICAL EQUIPMENT SHOWN FOR COORDINATION.
- EXISTING LAB CONDENSING UNITS RELOCATED AS PART OF THIS PROJECT. REFERENCE SHEET M0.6.

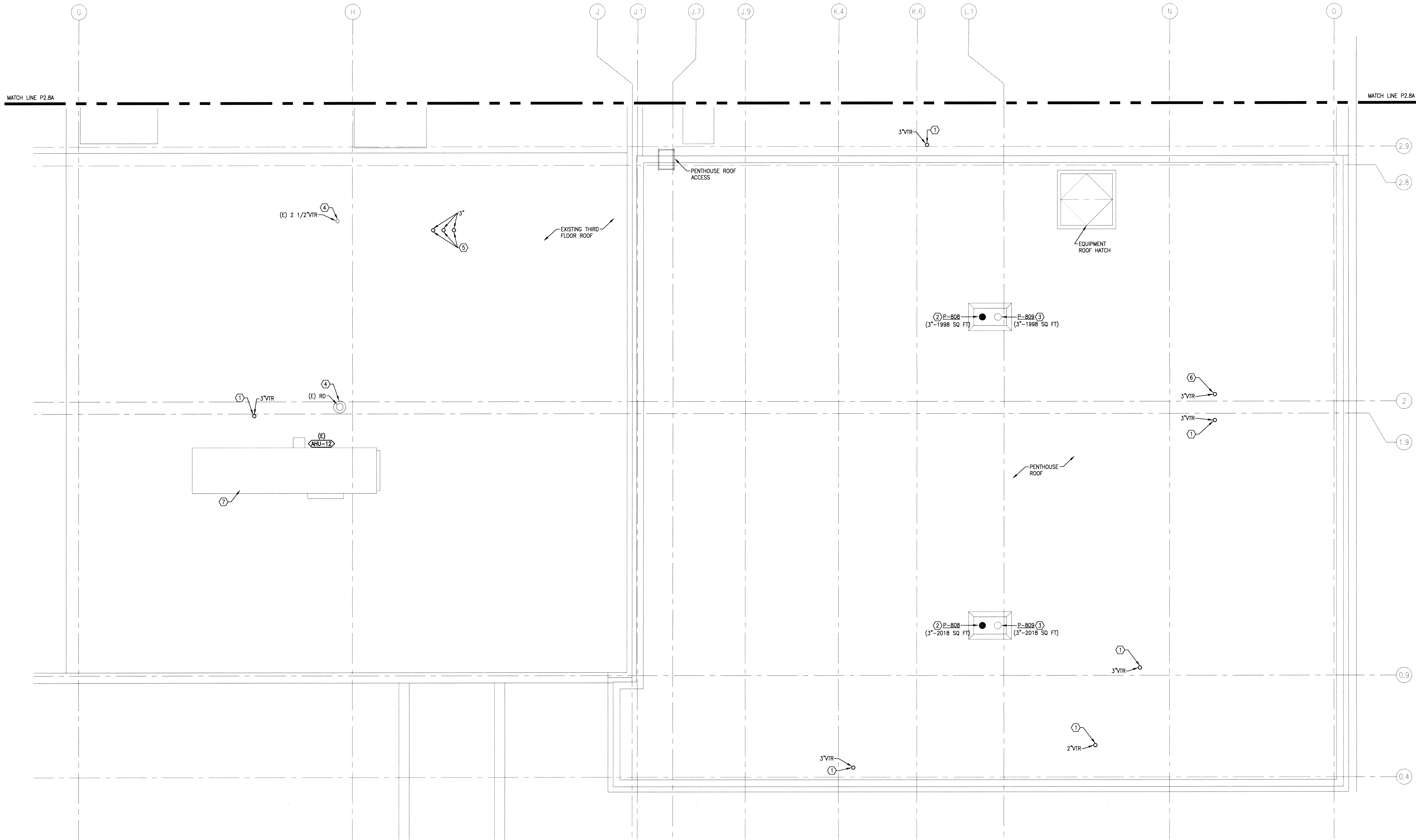


GENERAL SHEET NOTES

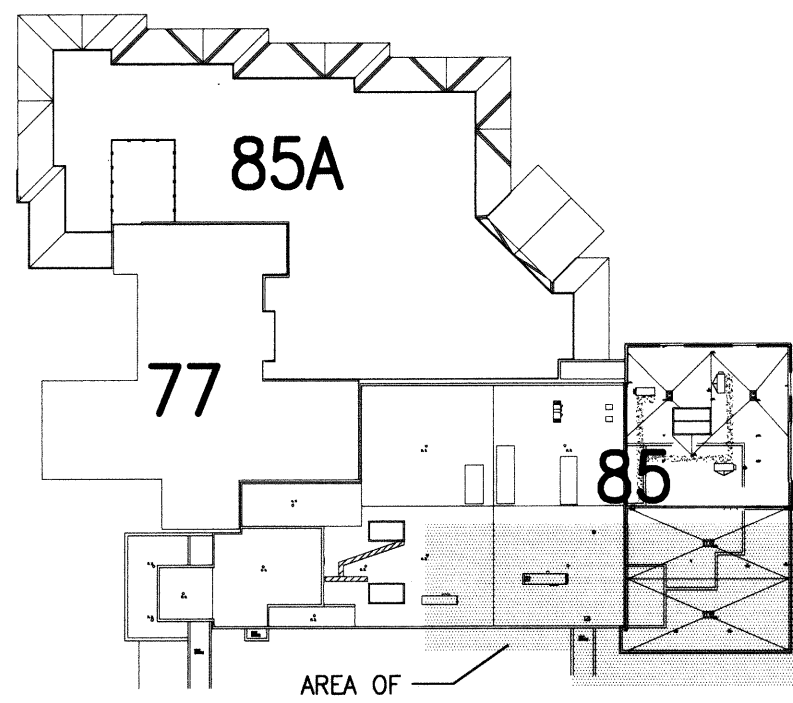
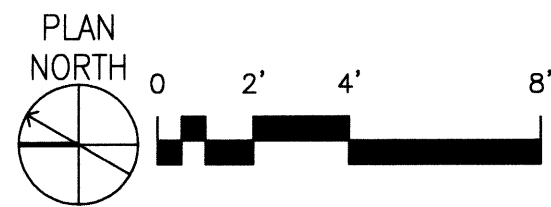
- A. THIS PROJECT WILL BE ACCOMPLISHED IN PHASES. THE CONTRACTOR IS TO ALLOW A MINIMUM OF 14 DAYS DOWN TIME BETWEEN EACH PHASE. THIS IS TO ALLOW THE MEDICAL CENTER TIME TO RELOCATE PERSONNEL, EQUIPMENT, AND FURNISHINGS. ALL WORK IN A GIVEN PHASE (INCLUDING ALL PUNCHLIST ITEMS) MUST BE COMPLETED PRIOR TO THE VA DOWN TIME. DOWN TIME IS INCLUDED IN THE OVERALL PROJECT SCHEDULE.
- B. CONTRACTOR IS REQUIRED TO FOLLOW ALL OSHA REGULATIONS CONCERNING CONSTRUCTION. THE SUPERINTENDENT IS REQUIRED TO HAVE COMPLETED, AS A MINIMUM, OSHA'S 10-HOUR TRAINING AND BE KNOWLEDGEABLE OF GENERAL SAFETY REQUIREMENTS FOR CONFINED SPACES, FALL PROTECTION, PERSONAL PROTECTIVE EQUIPMENT, TRENCHING, SCAFFOLDING, CRANES, ELECTRICAL, ETC. APPLICABLE SUBCONTRACTORS ARE TO HAVE A COMPETENT PERSON ON SITE WHEN REQUIRED BY OSHA. IF ACCESSING A CONFINED SPACE, THE CONTRACTOR IS REQUIRED HAVE THEIR OWN CONFINED SPACE AIR MONITOR AND TO TEST THE AIR PRIOR TO ENTERING ANY CONFINED SPACE. IF THE CONTRACTOR MUST ENTER A SANITARY SEWER MANHOLE, IN ADDITION TO A CONFINED SPACE AIR MONITOR, THEY MUST HAVE PROPER OSHA RESCUE EQUIPMENT FOR A PERMIT REQUIRED CONFINED SPACE, WHERE IT IS NOT POSSIBLE FOR THE VA TO SHUTDOWN AN ELECTRICAL PANEL OR CIRCUIT, THE CONTRACTOR MUST PROVIDE AND USE THE APPROPRIATE SAFETY CLOTHING AND EQUIPMENT AS REQUIRED BY NFPA 70E. THE VA WILL BE MONITORING THE CONTRACTOR'S COMPLIANCE WITH OSHA REGULATIONS. FAILURE TO COMPLY IS GROUNDS FOR STOPPING WORK.
- C. ALL ROOF DRAIN BODIES SHALL BE HEAT TRACED. COORDINATE INSULATION WITH ELECTRICAL CONTRACTOR.

SHEET KEYNOTES

- SANITARY VENT THROUGH ROOF AT THIS LOCATION. SEE SHEET P2.7 FOR CONTINUATION. SEE DETAIL 3/P6.0.
- PRIMARY STORM SEWER DRAIN. COORDINATE LOCATION WITH ARCHITECTURAL PLANS AND SEE SHEET P2.7 FOR CONTINUATION. REFERENCE PLUMBING SCHEDULES ON SHEET P0.2 FOR MAKE AND MODEL. SEE DETAIL 4/P6.0.
- SECONDARY STORM SEWER DRAIN. COORDINATE LOCATION WITH ARCHITECTURAL PLANS AND SEE SHEET P2.7 FOR CONTINUATION. REFERENCE PLUMBING SCHEDULES ON SHEET P0.2 FOR MAKE AND MODEL. SEE DETAIL 4/P6.0.
- EXISTING PLUMBING SHOWN FOR COORDINATION.
- 3" SANITARY SEWAGE EJECTOR, VACUUM PUMP AND ORAL EVAC VENTS UP FROM FLOOR BELOW. SEE DETAIL 3/P6.0. PROVIDE 180° TURN DOWN ELBOW AND WIRE MESH SCREEN FOR VACUUM PUMP AND ORAL EVAC VENTS. BOTTOM OF VENT TURN DOWN EXIT SHALL BE A MINIMUM OF 12" ABOVE FINISHED ROOF.
- 3" DECONTAMINATION TANK VENT UP THROUGH ROOF. SEE DETAIL 3/P6.0 AND SHEET P2.7 FOR CONTINUATION.
- EXISTING MECHANICAL EQUIPMENT SHOWN FOR COORDINATION.



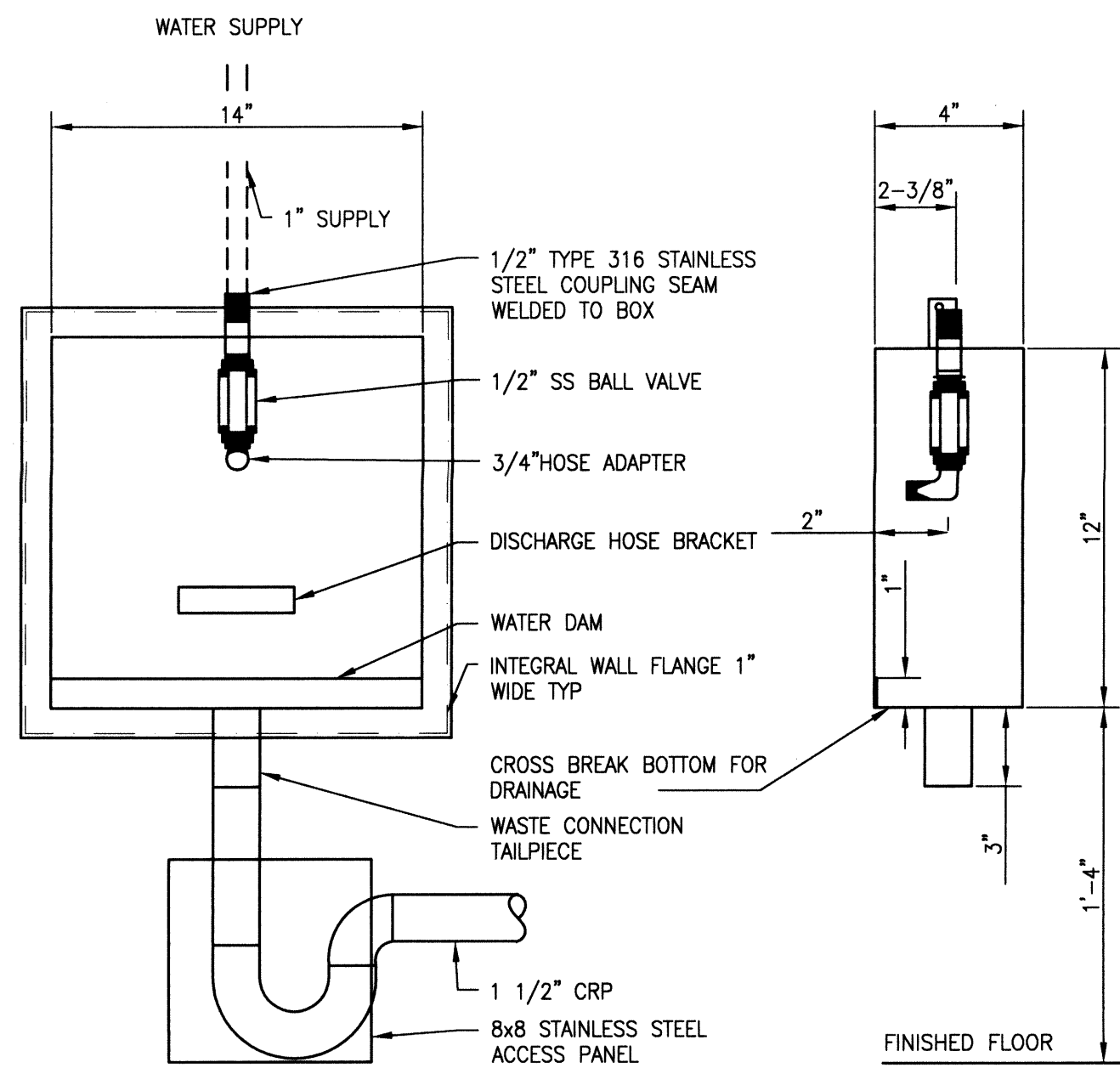
P2 BUILDING 85 - ROOF SANITARY PLAN - AREA 'B'
SCALE: 1/4" = 1'-0"



ROOF KEY PLAN
NOT TO SCALE

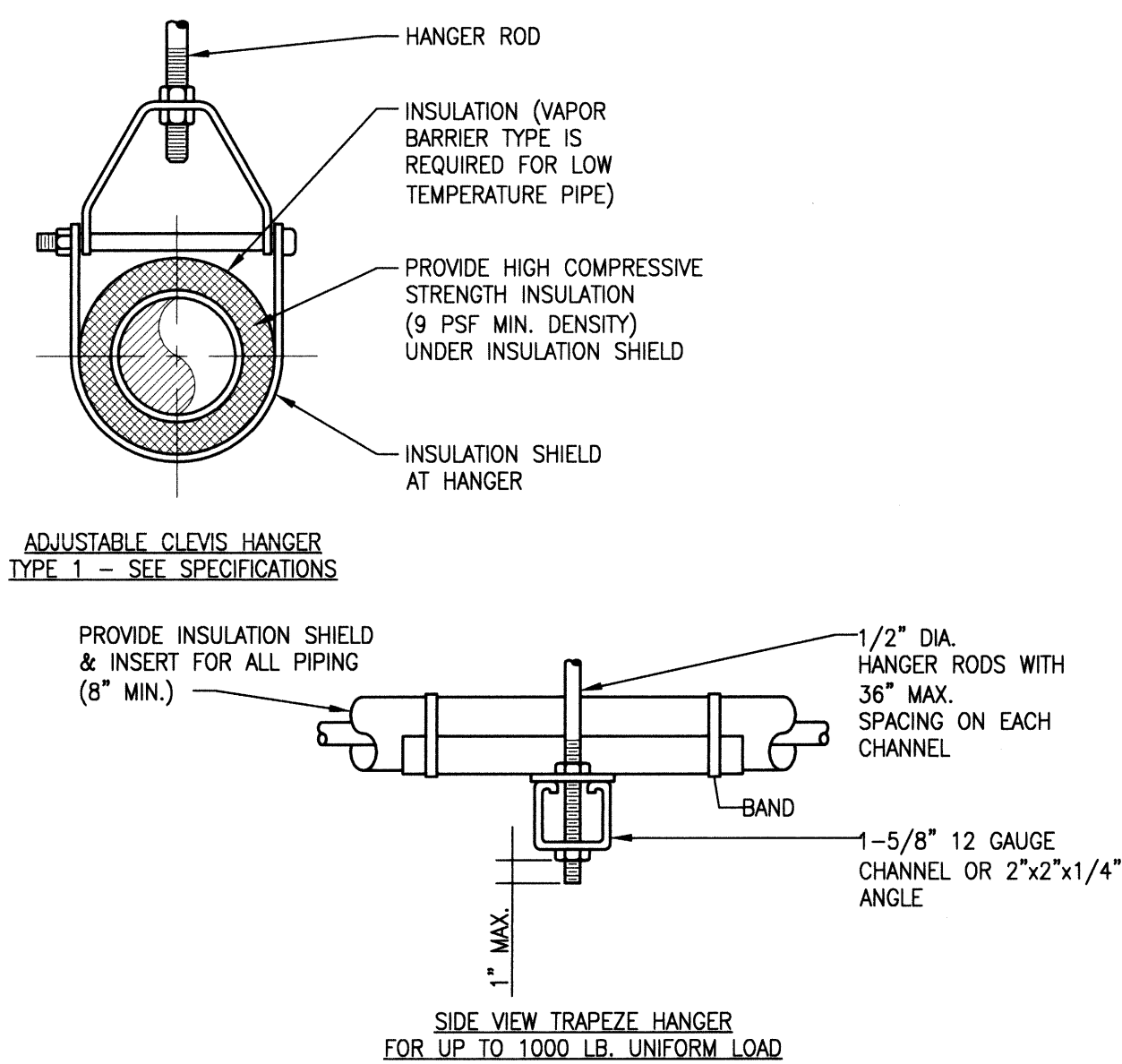
FOR CONSTRUCTION

		 2041 South Cobalt Point Way Meridian, Idaho 83642 208-288-6100		 Architects and Planners, Chartered 565 W. Myrtle Street, Suite 225 Boise, Idaho 83702-7606	CAD FILE NAME: 531-317_P28B XREF FILE NAME: 85AR 85PRWV	DRAWING TITLE ROOF SANITARY PLAN AREA 'B'	PROJECT TITLE REPLACE AND MODERNIZE SURGERY / INTENSIVE CARE UNIT	DATE 11/01/2011	 DEPARTMENT OF VETERANS AFFAIRS
						APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE	BUILDING NUMBER 85	CHECKED JB	
REVISIONS	DATE					APPROVED: MEDICAL CENTER DIRECTOR	LOCATION VAMC BOISE, IDAHO	DWG 144 of 188	



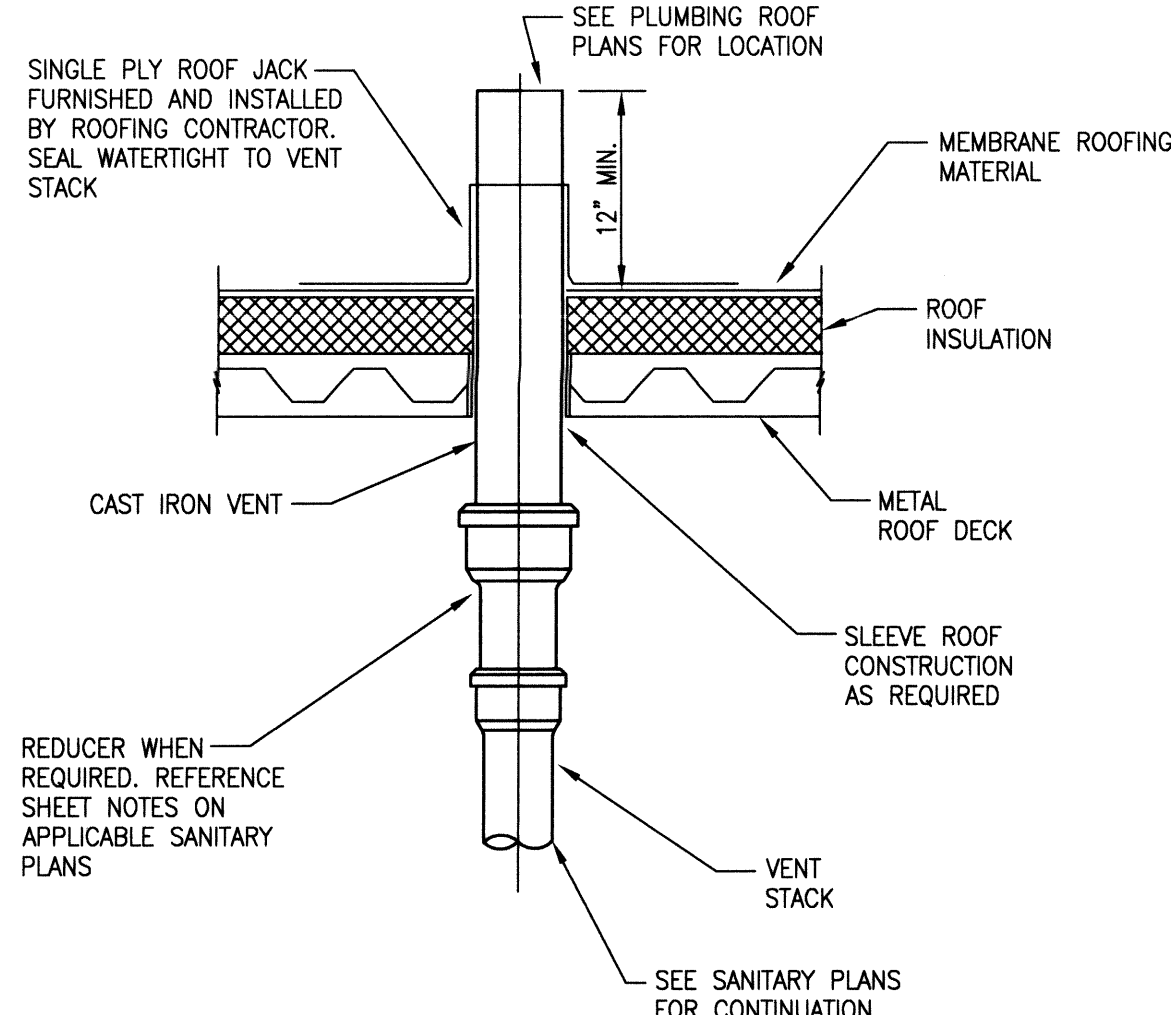
1 HEMODIALYSIS BOX DETAIL

NTS



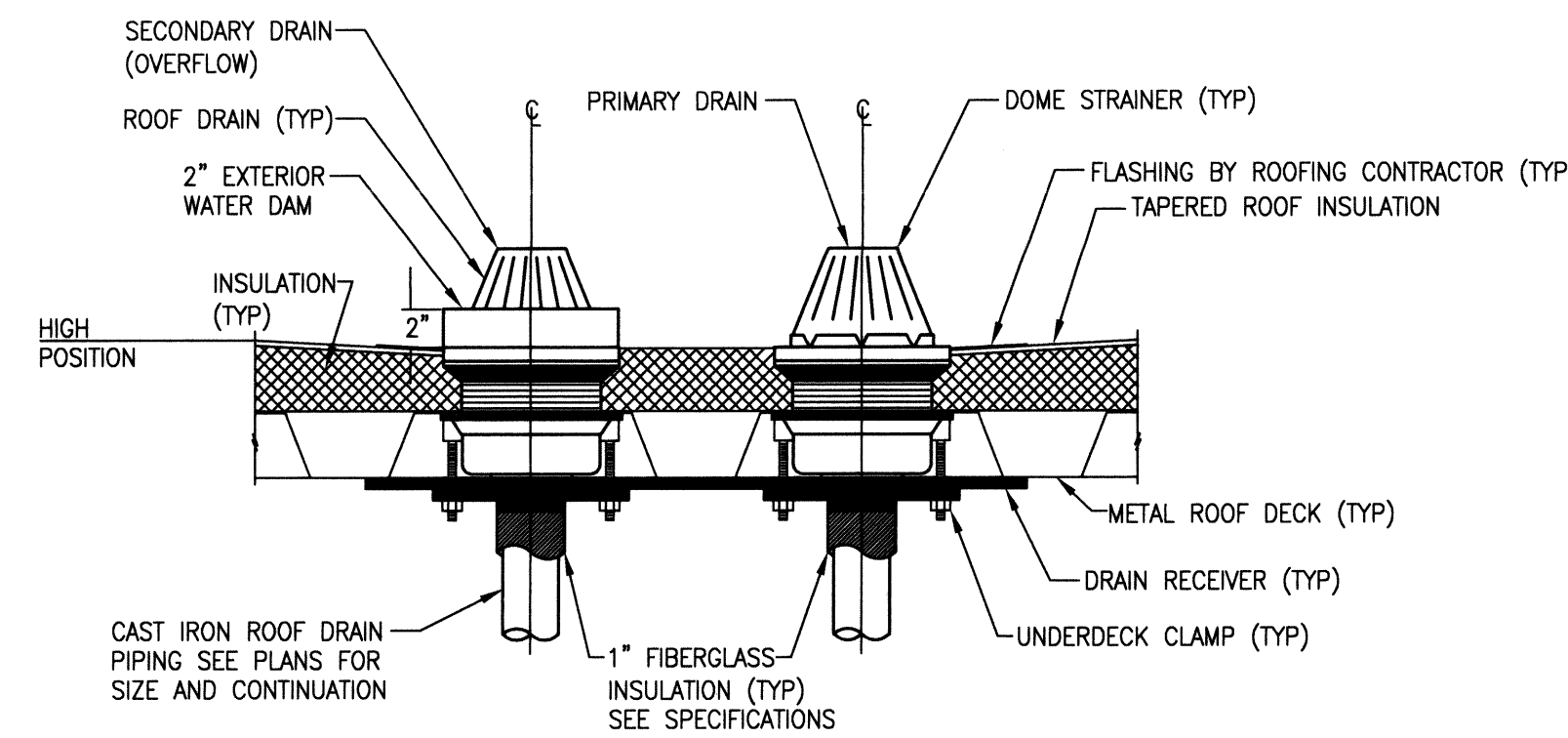
2 PIPE HANGERS

NTS



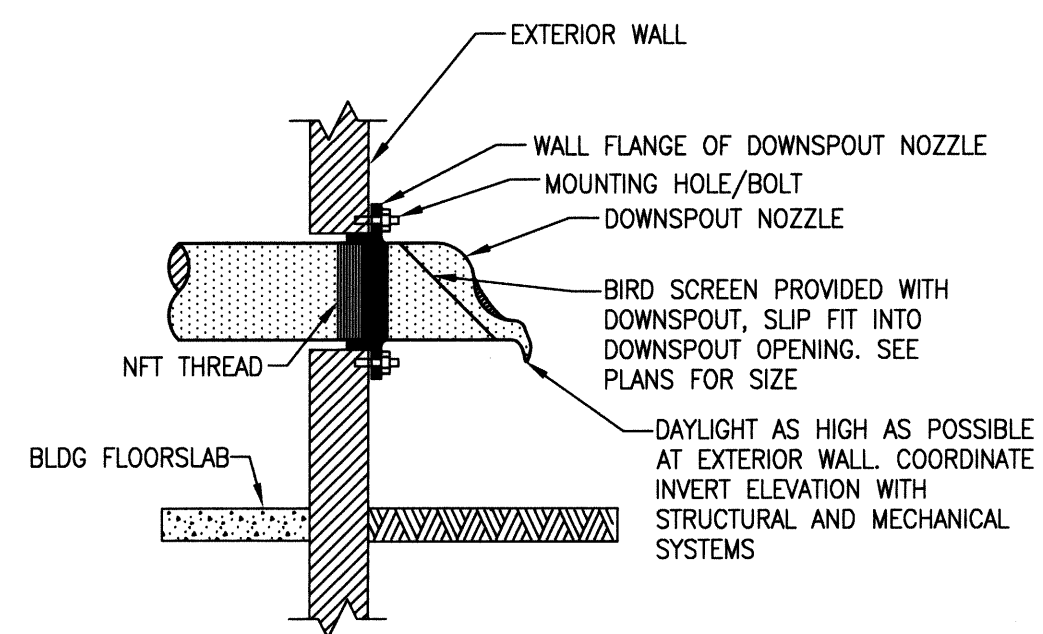
3 VENT THROUGH ROOF DETAIL

NTS



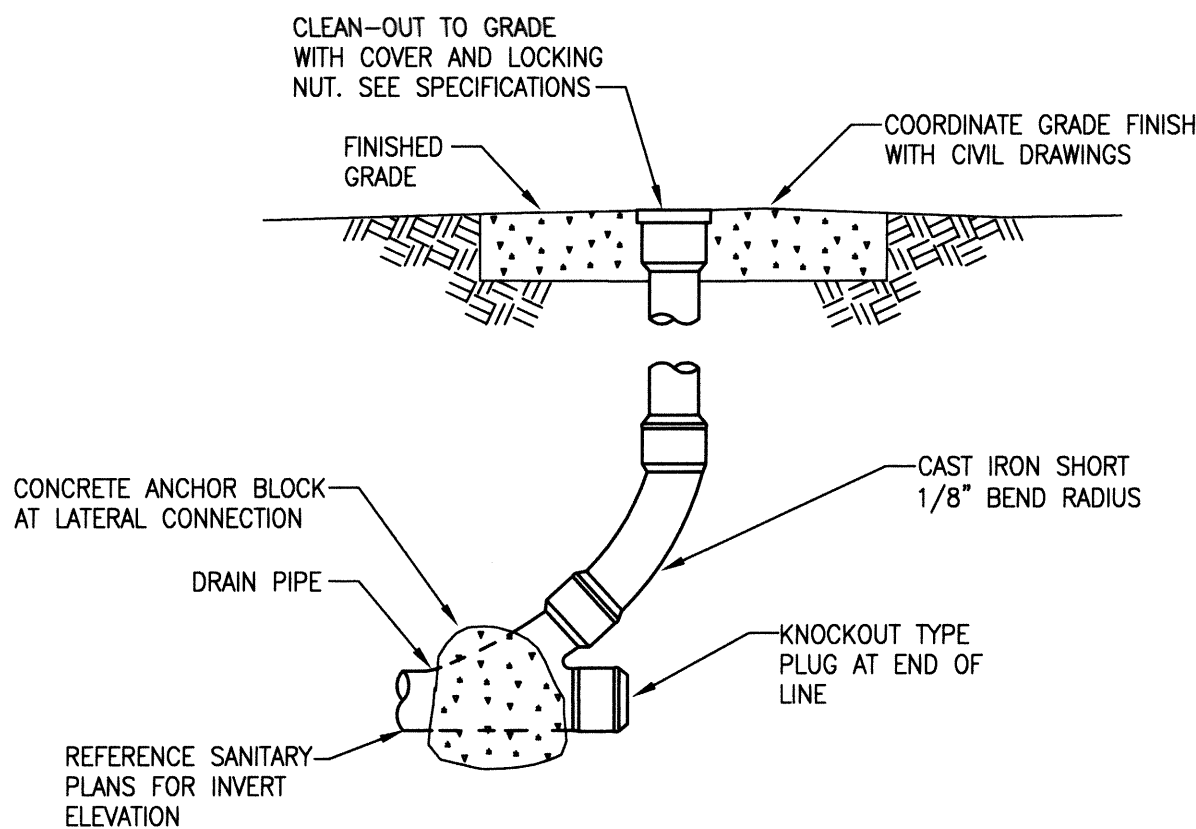
4 ROOF AND OVERFLOW DRAIN DETAIL

NTS



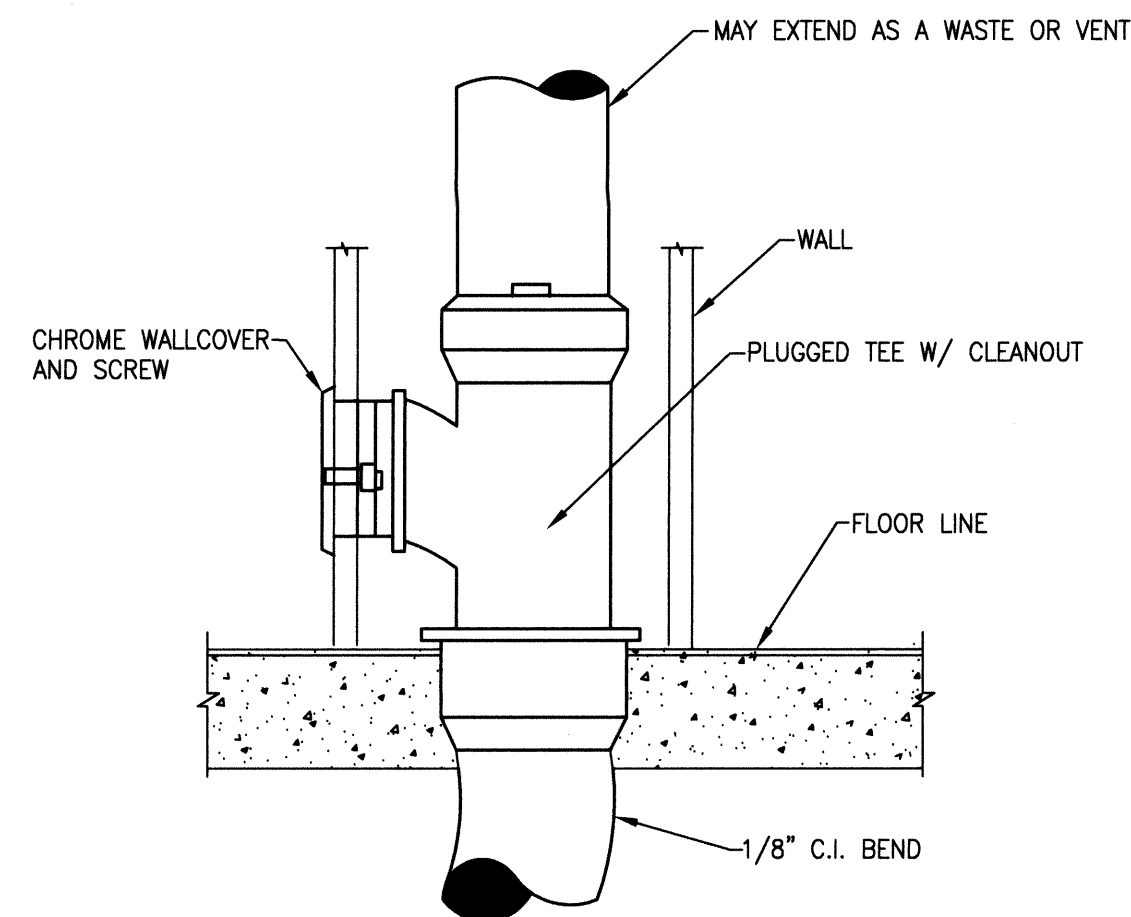
5 DOWNSPOUT NOZZLE DETAIL

NTS



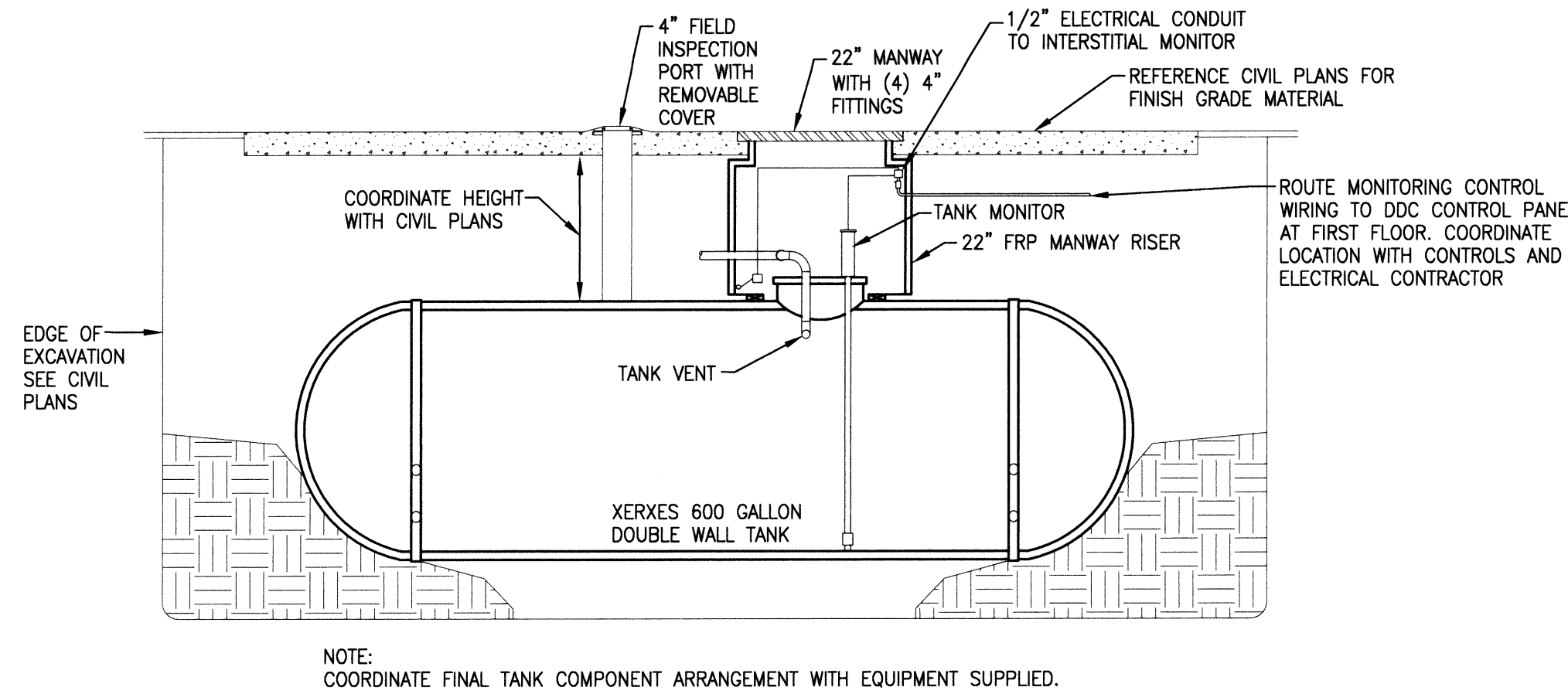
6 CLEANOUT TO GRADE DETAIL

NTS



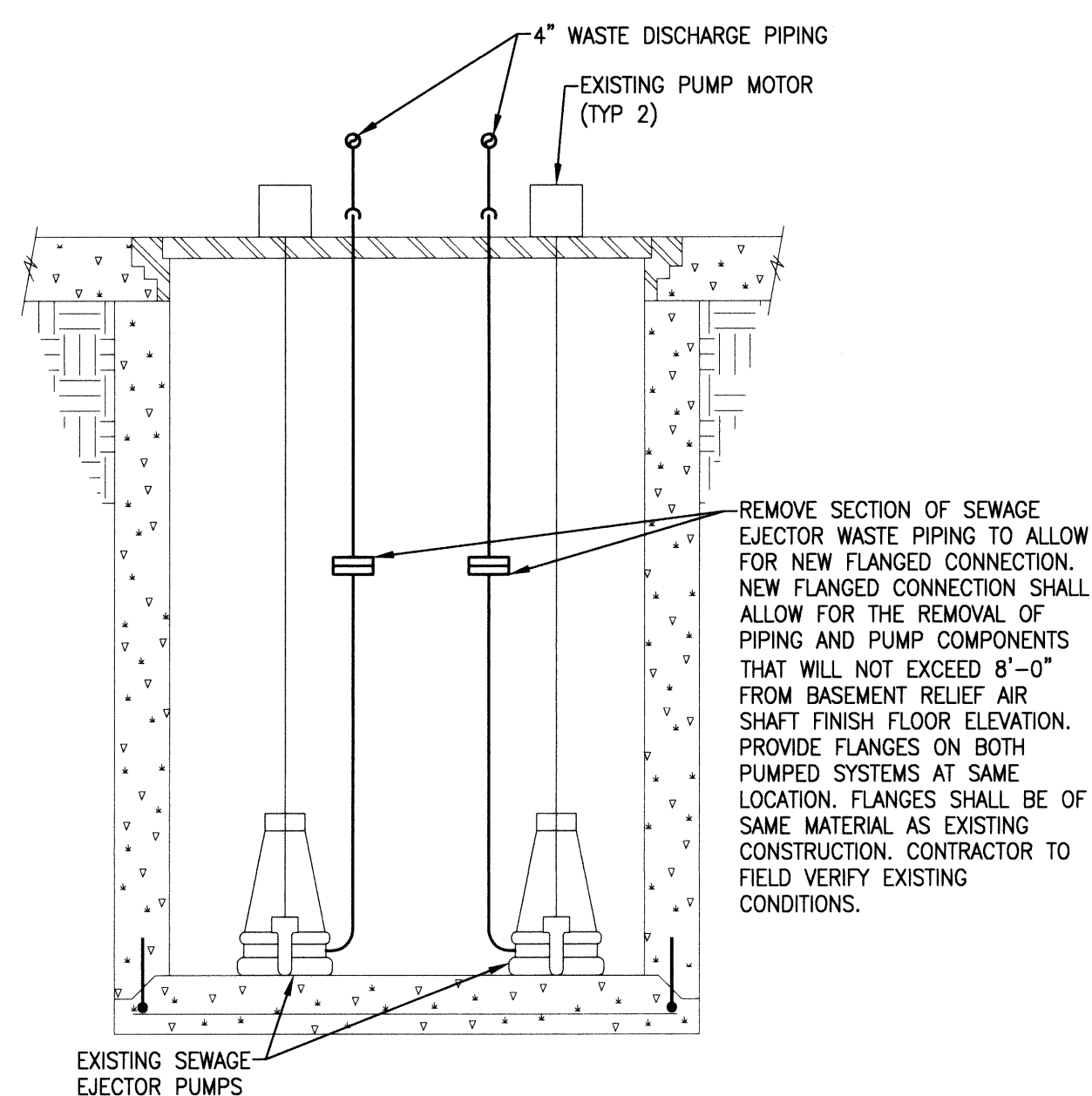
7 WALL CLEANOUT DETAIL

NTS



8 DECONTAMINATION STORAGE TANK DETAIL

NTS

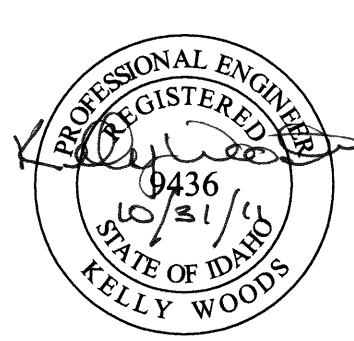


9 EXISTING SEWAGE EJECTOR BASIN PIPING LIFT DEMOLITION / REMODEL DETAIL

NTS

REVISIONS	DATE

POWER ENGINEERS
2041 South Cobalt Point Way
Meridian, Idaho 83642
208-288-6100



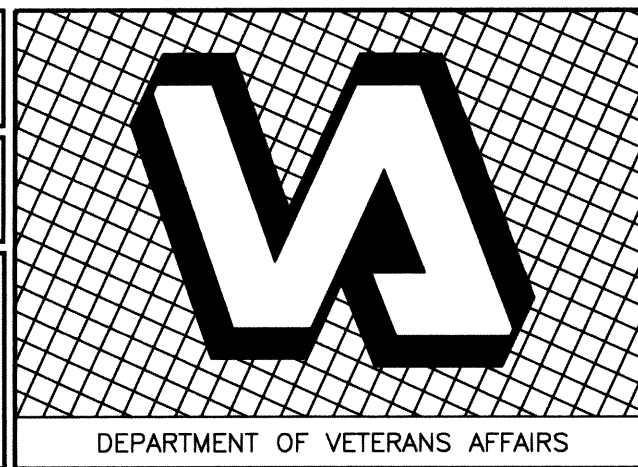
Architects and Planners, Chartered
565 W. Myrtle Street, Suite 225 Boise, Idaho 83702-7606

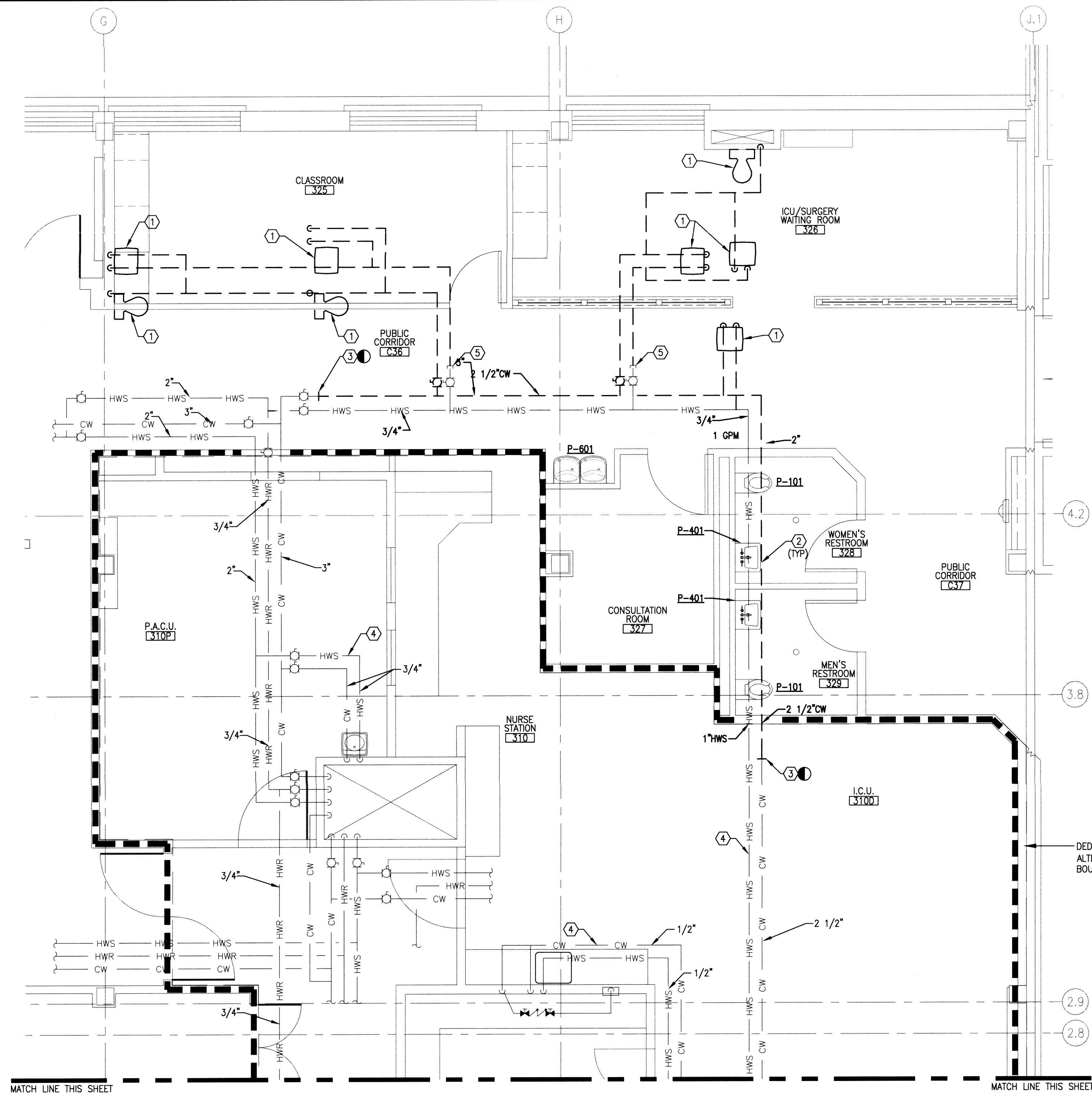
CAD FILE NAME:
531-317_P60
XREF FILE NAME:
531-317_xVAbord

DRAWING TITLE PLUMBING DETAILS
APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE
APPROVED: MEDICAL CENTER DIRECTOR

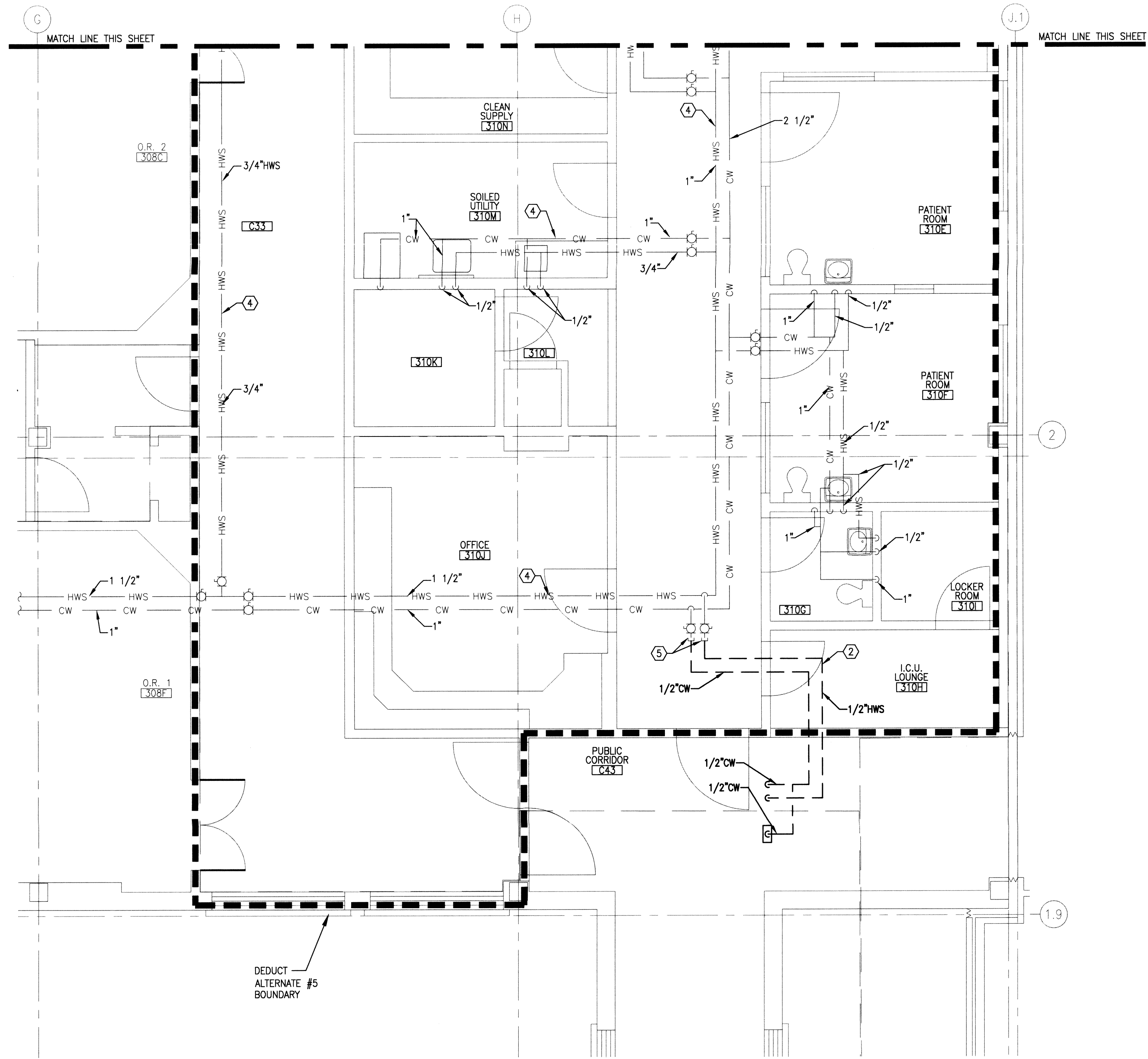
PROJECT TITLE REPLACE AND MODERNIZE SURGERY / INTENSIVE CARE UNIT
BUILDING NUMBER 85
CHECKED JB
DRAWN JA
LOCATION VAMC BOISE, IDAHO

DATE 11/01/2011
PROJECT NO. 531-317
DRAWING NO. P6.0
DWG 145 OF 188





P10 BUILDING 85 – DEDUCT ALTERNATE #5 THIRD FLOOR PLUMBING DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



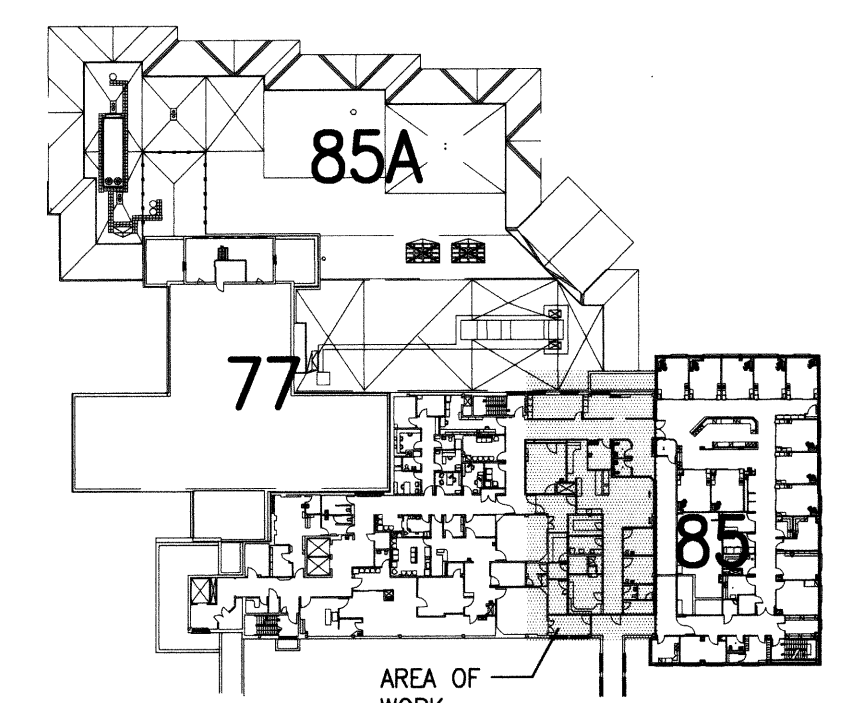
P10 BUILDING 85 – DEDUCT ALTERNATE #5 THIRD FLOOR PLUMBING DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

DEDUCT ALTERNATE #5 PLUMBING DEMOLITION NARRATIVE

A. REMOVE PLUMBING FIXTURES AND ASSOCIATED PIPING AND VALVES SERVING EXISTING PATIENT ROOMS 310A, 310B, AND 310C. REMOVE AND CAP PLUMBING SERVING EXISTING ICU LOUNGE 310H EQUIPMENT. SEE PLUMBING DEMOLITION PLANS ON SHEETS P1.1A AND P1.1B FOR EXISTING ARCHITECTURAL BACKGROUND INFORMATION.

SHEET KEYNOTES

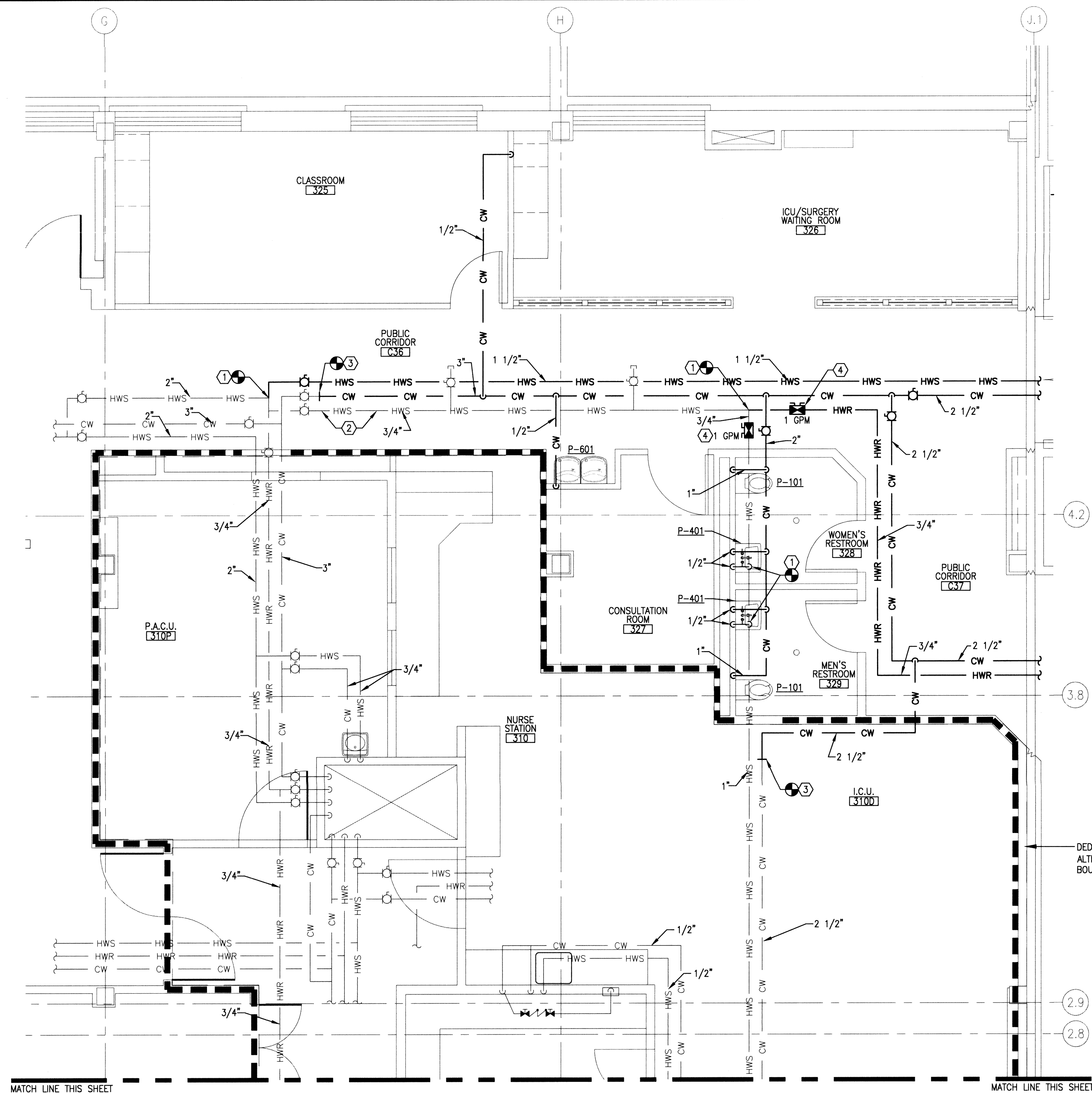
1. REMOVE EXISTING PLUMBING FIXTURE AND ASSOCIATED ROUGH-IN PLUMBING.
2. REMOVE PLUMBING SHOWN BOLD AND DASHED ALONG WITH ASSOCIATED VALVES, STOPS AND INSULATION.
3. REMOVE EXISTING PLUMBING BACK TO THIS POINT. SEE SHEET P10.1B FOR NEW WORK.
4. EXISTING PLUMBING SHOWN LIGHT IS TO REMAIN.
5. CAP EXISTING PLUMBING.



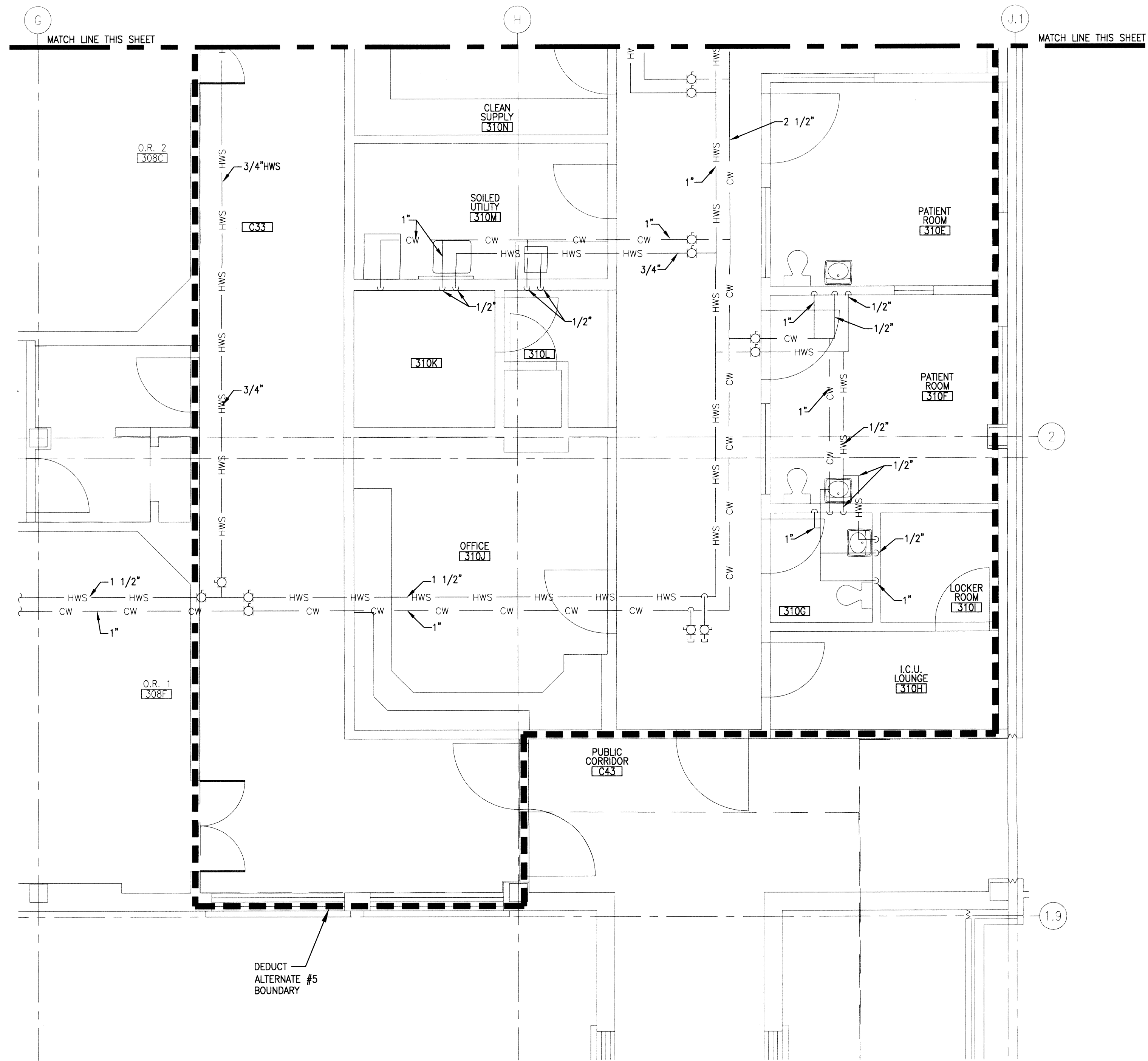
THIRD FLOOR KEY PLAN PLAN NORTH
NOT TO SCALE



POWER ENGINEERS 2041 South Cobalt Point Way Meridian, Idaho 83642 208-288-6100		ZBA Architects and Planners, Chartered 565 W. Myrtle Street, Suite 225 Boise, Idaho 83702-7606	CAD FILE NAME: 531-317_P101A		DRAWING TITLE: DEDUCT ALTERNATE #5 THIRD FLOOR PLUMBING DEMOLITION PLAN		PROJECT TITLE: REPLACE AND MODERNIZE SURGERY / INTENSIVE CARE UNIT		DATE: 11/01/2011			
			XREF FILE NAME: 85A3FL_ALT 85M3WA_ALT 531-317_xvAbord		APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE		BUILDING NUMBER: 85		CHECKED: JB		DRAWN: JA	
			APPROVED: MEDICAL CENTER DIRECTOR		LOCATION: VAMC BOISE, IDAHO		PROJECT NO.: 531-317		DRAWING NO.: P10.1A		DWG 146 OF 188	
			REVISIONS		DATE		DEPARTMENT OF VETERANS AFFAIRS					



P10 BUILDING 85 – DEDUCT ALTERNATE #5 THIRD FLOOR PLUMBING REMODEL PLAN
SCALE: 1/4" = 1'-0"



P10 BUILDING 85 – DEDUCT ALTERNATE #5 THIRD FLOOR PLUMBING REMODEL PLAN
SCALE: 1/4" = 1'-0"

DEDUCT ALTERNATE #5 PLUMBING REMODEL NARRATIVE

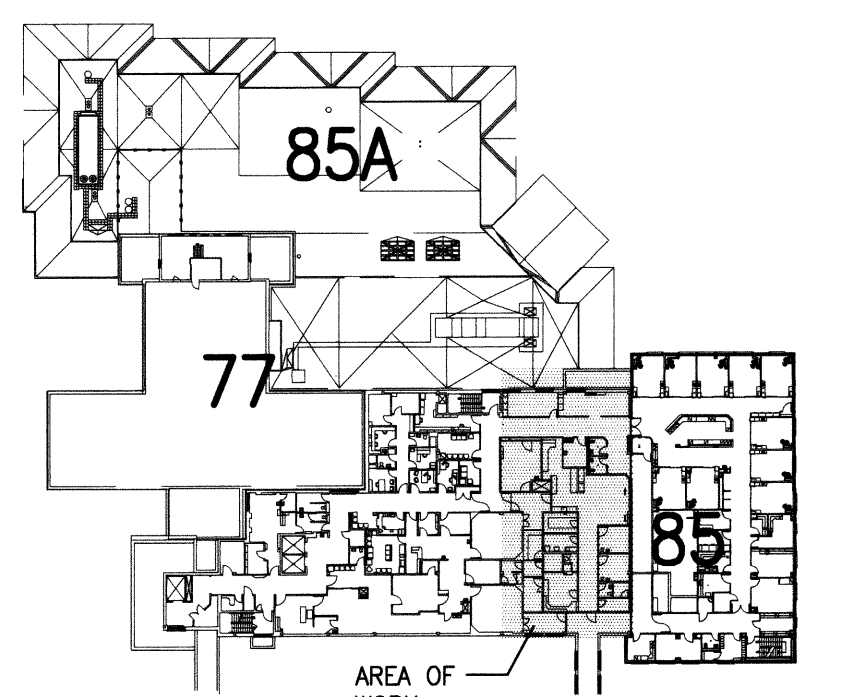
A. REARRANGE DOMESTIC HOT WATER SUPPLY, RECIRCULATION, AND COLD WATER SERVICE FOR EXISTING ICU AND SURGICAL SUITE SPACES WITHIN THE DEDUCT ALTERNATE #5 BOUNDARY.

GENERAL SHEET NOTES

A. REFERENCE THIRD FLOOR PLUMBING PLAN AREA 'A' FOR SHEET NOTES FOR WORK NOT INCLUDED UNDER DEDUCT ALTERNATE #5.

SHEET KEYNOTES

1. CONNECT TO EXISTING DOMESTIC HOT WATER AT THIS LOCATION.
2. UNDER DEDUCT ALTERNATE #5 HEATING SUPPLY FLOW AND SERVICE IS REVERSED AND BECOMES A HOT WATER RECIRCULATION LOOP DIRECTLY AFTER THE LAST HOT WATER CONNECTION TO LAVATORY INSIDE WOMEN'S RESTROOM 328.
3. CONNECT TO EXISTING DOMESTIC COLD WATER AT THIS LOCATION WITH NEW.
4. INSTALL NEW CIRCUIT SETTER FOR BALANCING EXISTING DOMESTIC HOT WATER LOOP. BALANCE TO GPM SHOWN.

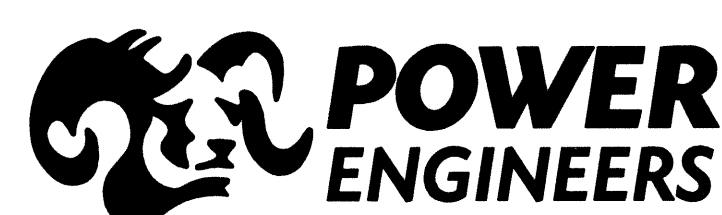


THIRD FLOOR KEY PLAN
NOT TO SCALE

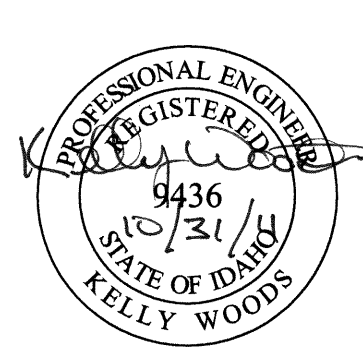
FOR CONSTRUCTION

REVISIONS

DATE



2041 South Cobalt Point Way
Meridian, Idaho 83642
208-288-6100



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565 W. Myrtle Street, Suite 225 Boise, Idaho 83702-7606

CAD FILE NAME:
531-317_P101B
XREF FILE NAME:
85A3FL_ALT
85M3WA_ALT
531-317_xvAbord

DRAWING TITLE
DEDUCT ALTERNATE #5
THIRD FLOOR
PLUMBING REMODEL PLAN

APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE

APPROVED: MEDICAL CENTER DIRECTOR

PROJECT TITLE
REPLACE AND MODERNIZE
SURGERY / INTENSIVE
CARE UNIT

BUILDING NUMBER
85

LOCATION
VAMC BOISE, IDAHO

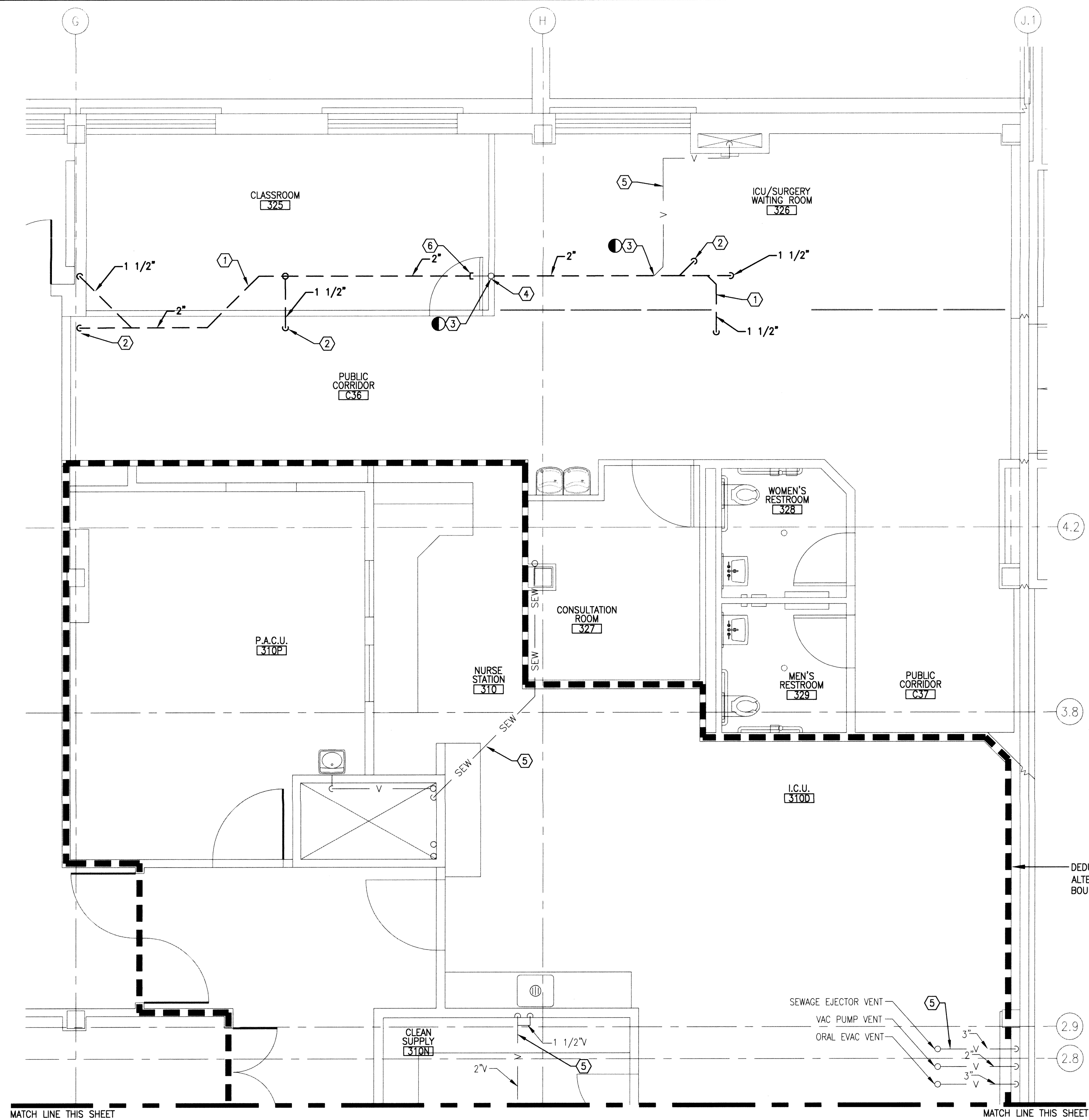
DATE
11/01/2011

PROJECT NO.
531-317

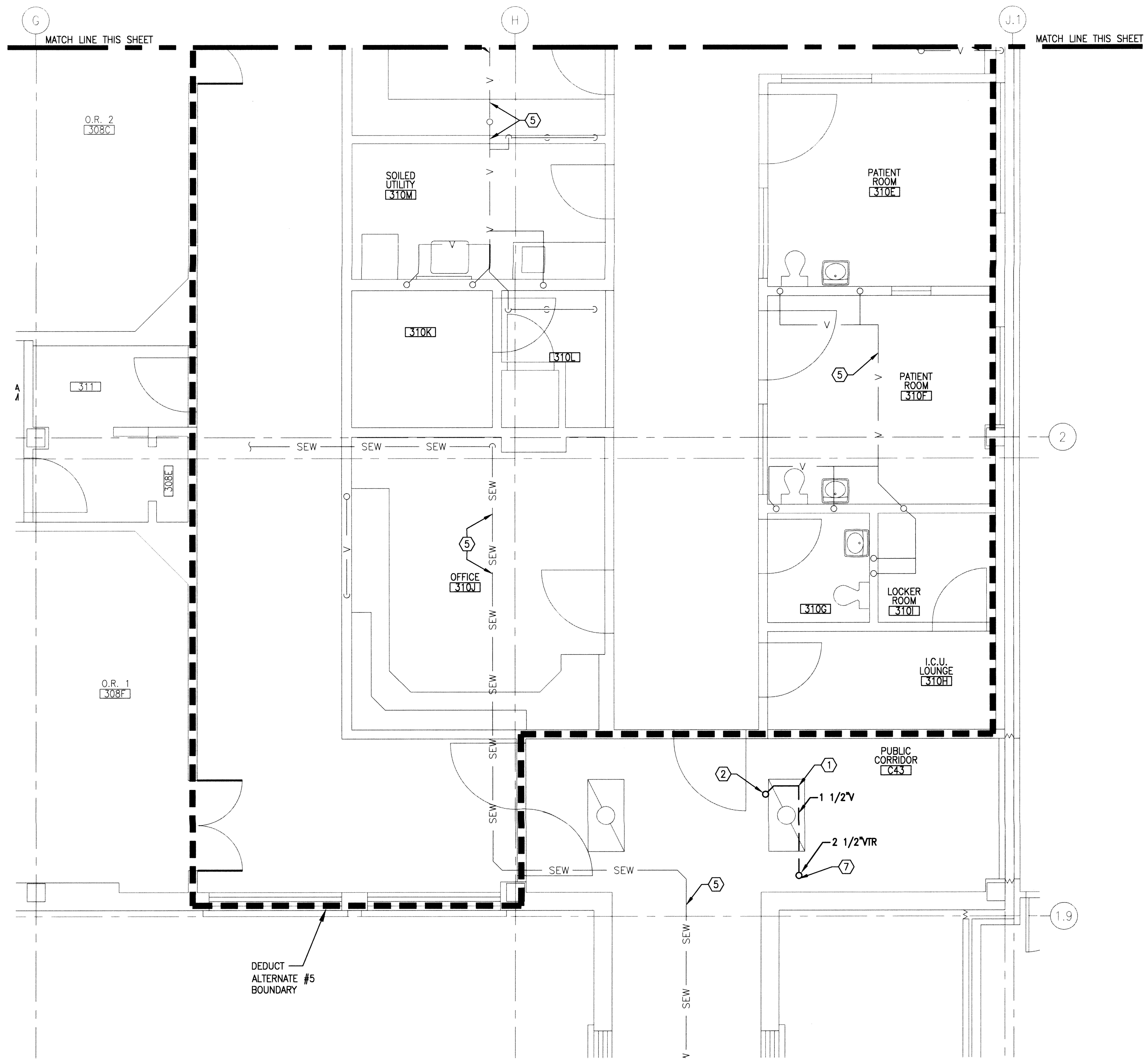
DRAWING NO.
P10.1B

DWG 147 OF 188





P10 BUILDING 85 – DEDUCT ALTERNATE #5 THIRD FLOOR SANITARY DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



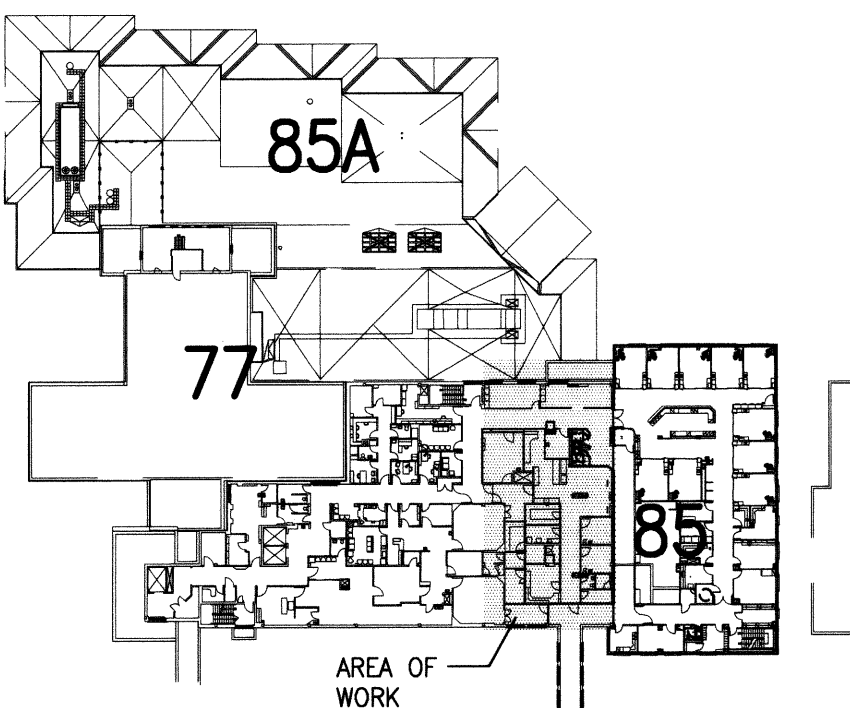
P10 BUILDING 85 – DEDUCT ALTERNATE #5 THIRD FLOOR SANITARY DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

DEDUCT ALTERNATE #5 SANITARY DEMOLITION NARRATIVE

A. REMOVE ASSOCIATED SANITARY PIPING FOR FIXTURES SERVING EXISTING PATIENT ROOMS 310A, 310B, AND 310C. REMOVE AND CAP SANITARY PIPING SERVING EXISTING ICU LOUNGE 310H EQUIPMENT. SEE SANITARY DEMOLITION PLANS ON SHEETS P1.4A AND P1.4B FOR EXISTING ARCHITECTURAL BACKGROUND INFORMATION.

SHEET KEYNOTES

1. REMOVE EXISTING VENT PIPING SHOWN BOLD AND DASHED ALONG WITH ASSOCIATED PIPE HANGERS.
2. REMOVE EXISTING VENT AND SANITARY WASTE PIPING DOWN TO SECOND FLOOR AND COMPLETE REMOVAL TO EXISTING PLUMBING FIXTURE. PATCH AND SEAL EXISTING FLOOR PENETRATIONS TO MAINTAIN EXISTING FIRE RATING. COORDINATE FLOOR REPAIR WORK WITH GENERAL CONTRACTOR.
3. REMOVE EXISTING VENT BACK TO THIS POINT. SEE SHEET P2.6B FOR NEW WORK.
4. EXISTING 2 1/2" VENT THROUGH ROOF TO REMAIN.
5. EXISTING SANITARY PIPING SHOW LIGHT IS TO REMAIN.
6. CAP EXISTING VENT AT THIS LOCATION.
7. REMOVE EXISTING VENT THROUGH ROOF.

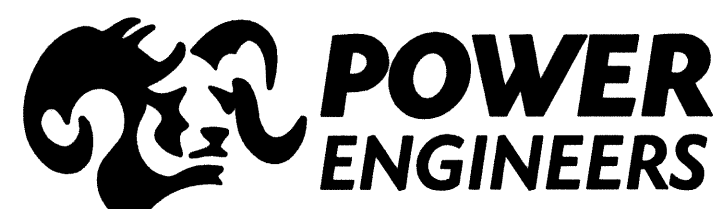
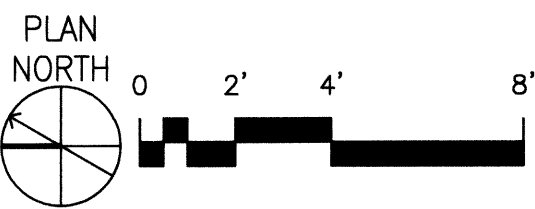


THIRD FLOOR KEY PLAN

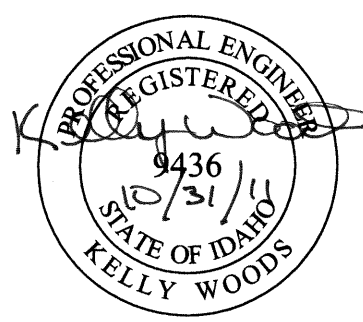
NOT TO SCALE



FOR CONSTRUCTION



2041 South Cobalt Point Way
Meridian, Idaho 83642
208-288-6100



Architects and Planners, Chartered
565 W. Myrtle Street, Suite 225 Boise, Idaho 83702-7606

CAD FILE NAME:
531-317_P101C
XREF FILE NAME:
85A3FL_ALT
85P3WV_ALT
531-317_xVAbord

DRAWING TITLE
DEDUCT ALTERNATE #5
THIRD FLOOR
SANITARY DEMOLITION PLAN

APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE

APPROVED: MEDICAL CENTER DIRECTOR

PROJECT TITLE
REPLACE AND MODERNIZE
SURGERY / INTENSIVE
CARE UNIT

BUILDING NUMBER

85

CHECKED

JB

DRAWN

JA

LOCATION

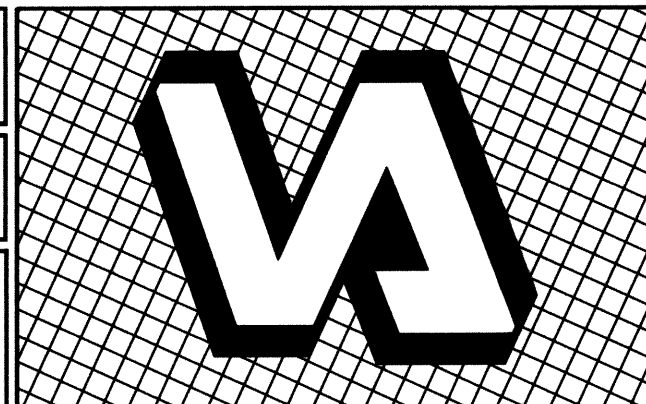
VAMC BOISE, IDAHO

DATE
11/01/2011

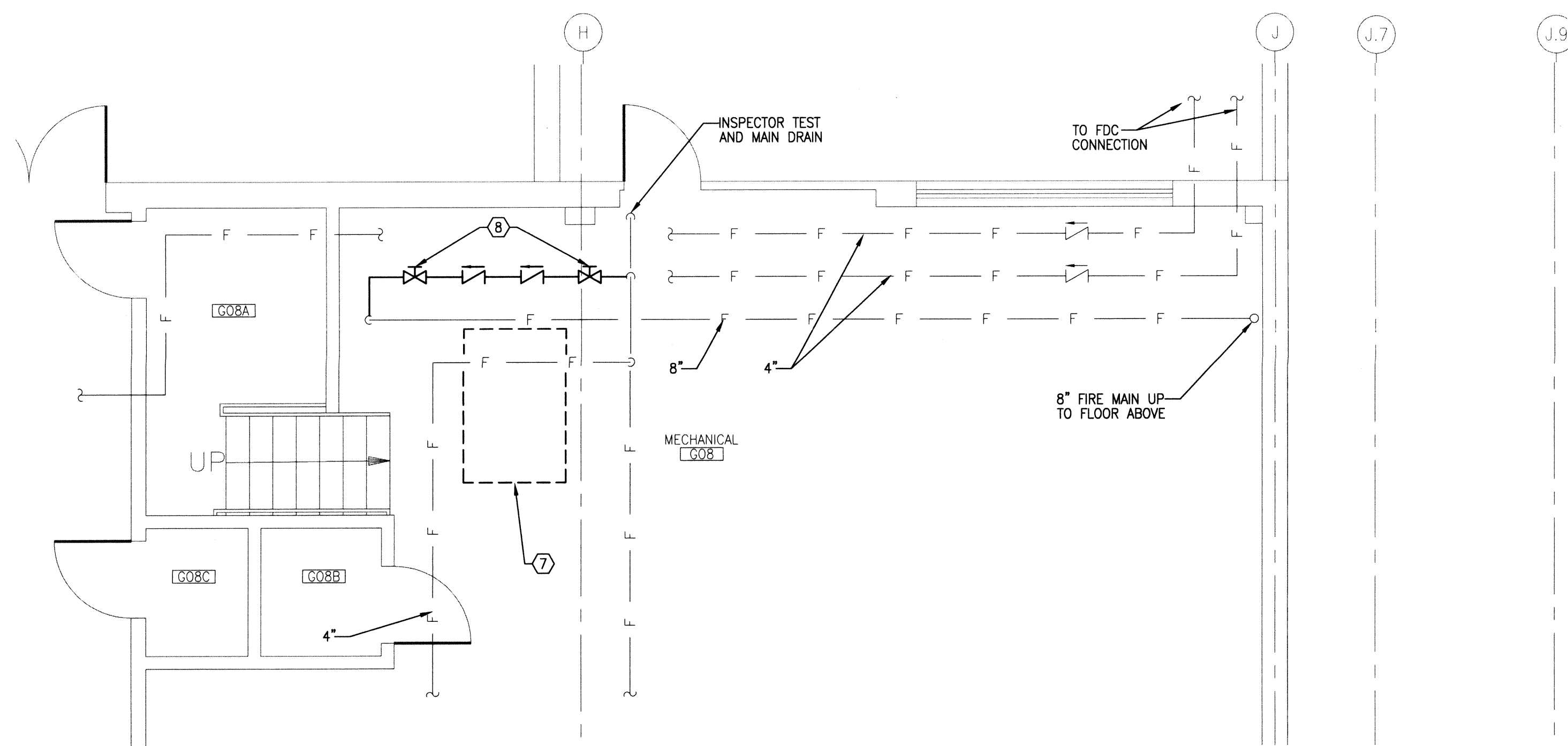
PROJECT NO.
531-317

DRAWING NO.
P10.1C

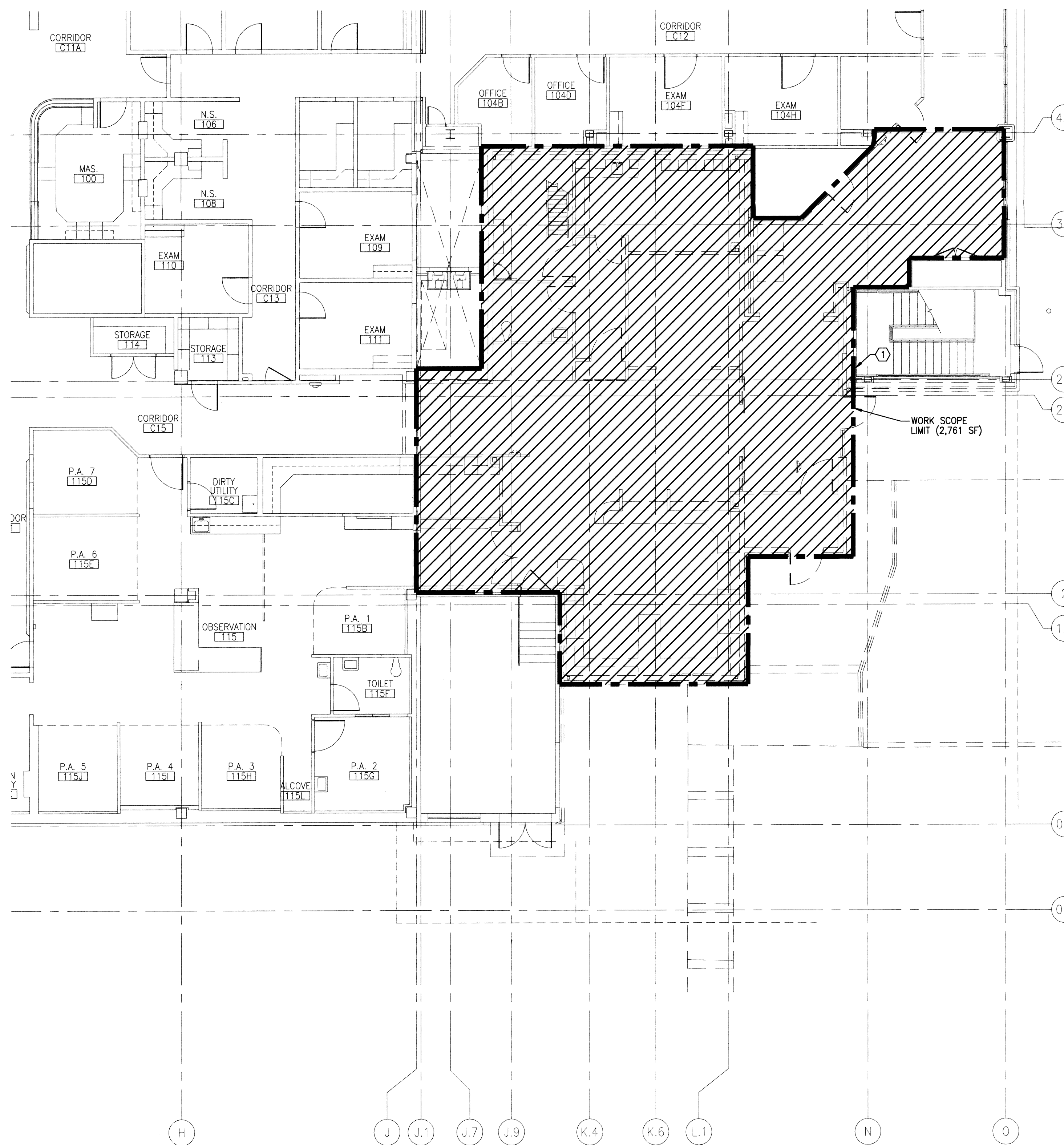
DWG 148 of 188



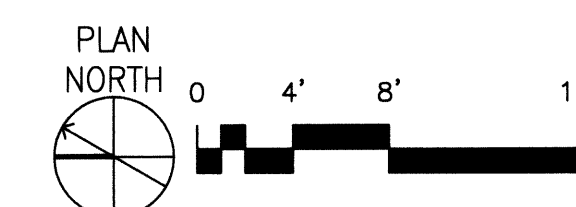
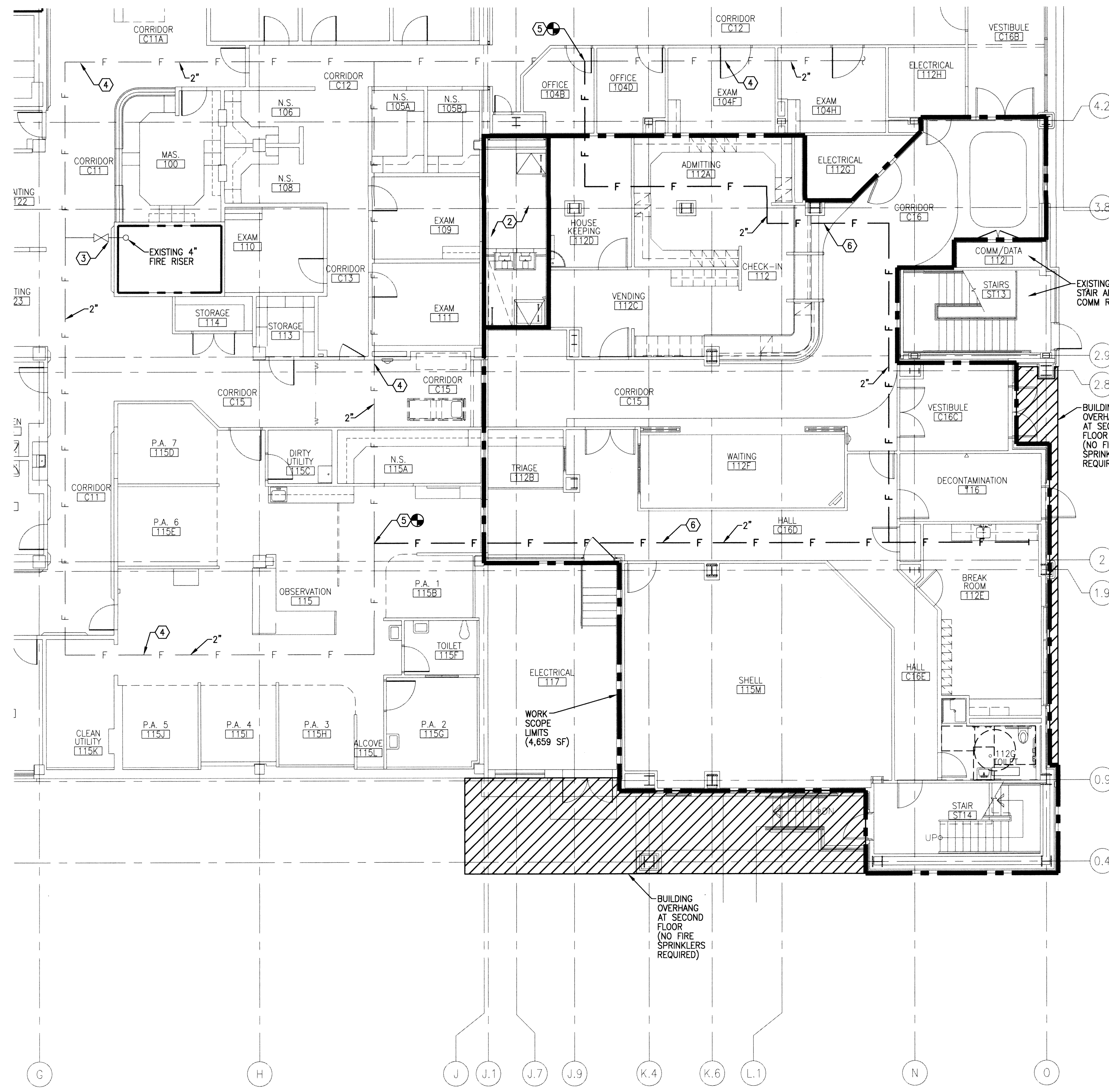
DEPARTMENT OF VETERANS AFFAIRS



FP2 BUILDING 85 – BASEMENT FLOOR FIRE PROTECTION DEMOLITION PLAN
SCALE: 1/8" = 1'-0"



FP2 BUILDING 85 – FIRST FLOOR FIRE PROTECTION DEMOLITION & REMODEL PLAN
SCALE: 1/8" = 1'-0"



GENERAL SHEET NOTES

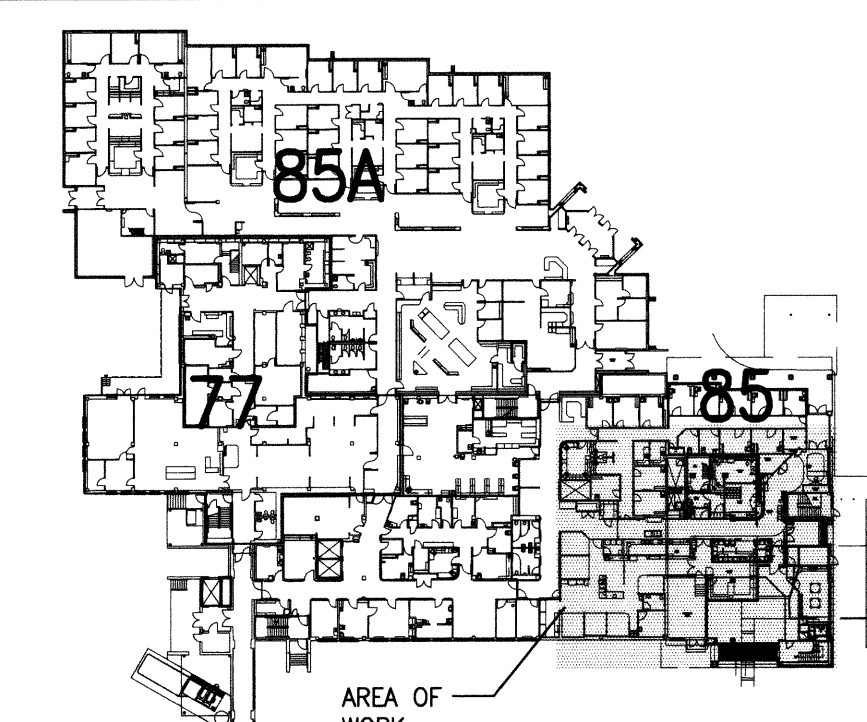
- A. FIRE SPRINKLER SCOPE OF WORK:**
PROVIDE MODIFICATIONS AND EXTENSIONS TO THE EXISTING WET PIPE SPRINKLER SYSTEMS TO FULLY PROTECT THE EXISTING STRUCTURE AND NEW CONSTRUCTION PER NFPA 13, 2010 REQUIREMENTS.
- B. FIRE SPRINKLER NOTES:**
- EXISTING FIRE SYSTEM PIPING IS A SCHEMATIC REPRESENTATION BASED ON AVAILABLE AS-BUILT DOCUMENTS. CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF EXISTING CONDITIONS.
 - COORDINATE DRAIN AND INSPECTORS TEST VALVE LOCATIONS WITH ARCHITECT. PROVIDE ACCESS PANELS AT DRAIN AND TEST VALVE LOCATIONS IN FASCIA AND CANOPIES.
 - CONTRACTOR TO BRING ANY OBSERVED DAMAGE OR IMPROPER SPACING OF EXISTING PIPING AND SPRINKLERS NOTED TO THE ATTENTION OF THE ARCHITECT/ENGINEER TEAM.
 - COORDINATE ALL WORK WITH HAZARDOUS MATERIALS ABATEMENT CONTRACTOR, SEE PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
 - IF SUSPECTED HAZARDOUS MATERIALS ARE ENCOUNTERED, STOP WORK AND NOTIFY OWNER'S REPRESENTATIVE.
- C. FIRE SPRINKLER SYSTEM INSTALLATION NOTES:**
MODIFY AND ADD PIPING TO EXTEND WET PIPE SYSTEMS TO PROTECT NEW CONSTRUCTION AND REMODEL AREAS. CONNECT NEW WET PIPE SYSTEM EXTENSIONS TO EXISTING SPRINKLER PIPING AS INDICATED.
- ALL NEW FIRE PROTECTION TO BE DESIGNED PER NFPA 13, 2010 EDITION. MECHANICAL PENTHOUSE, ELECTRICAL AND MECHANICAL ROOMS, AND STORAGE AREAS TO BE DESIGNED FOR ORDINARY HAZARD GROUP 1. DESIGN PER LIGHT HAZARD OCCUPANCY IN OTHER AREAS.
 - NEW FIRE SPRINKLER PIPING IS TO BE INSTALLED ABOVE NEW CEILINGS UNLESS NOTED OTHERWISE.
 - PROVIDE NEW FIRE SPRINKLER PROTECTION IN SHELL SPACES AT 120" SPACING.
 - PROVISIONS TO BE MADE FOR FUTURE EXPANSION OF SPRINKLER SYSTEM INTO ADDITIONAL AREAS.
 - NEW SPRINKLERS TO BE QUICK RESPONSE WHITE SEMI-RECESSED IN AREAS OF FINISH CEILINGS.
 - NON-COMBUSTIBLE CONSTRUCTION ABOVE CEILINGS, NO PROTECTION ABOVE CEILINGS REQUIRED.
 - INCLUDE CUTTING AND PATCHING FOR ALL NEW PIPING AT ALL WALLS. PROVIDE FIRE CAULKING AT FLOOR PENETRATIONS AND AT ALL RATED WALLS.

SHEET KEYNOTES

- AREA OF FIRE SPRINKLER SYSTEM REMODEL. CONTRACTOR TO RELOCATE EXISTING DROPS AND ADD NEW DROPS TO PROVIDE COMPLETE COVERAGE FOR NEW WALL AND CEILING LAYOUT. PROVIDE ALL NEW SPRINKLER HEADS IN REMODEL AREAS.
- EXISTING RELIEF AIR SHUNT TO BE ENCLOSED AND SPACE USED AS A MECHANICAL ROOM. PROVIDE REQUIRED FIRE SPRINKLER COVERAGE.
- EXISTING FIRST FLOOR CONTROL VALVE.
- EXISTING FIRE MAIN.
- TIE INTO EXISTING 2" FIRE MAIN WITH NEW FIRE SERVICE AT THIS LOCATION.
- NEW LOOPED FIRE MAIN FOR FIRST FLOOR EXPANSION.
- REMOVE EXISTING CONCRETE HOUSEKEEPING PAD AT THIS LOCATION.
- CONTRACTOR SHALL REMOVE EXISTING 8" CHECK VALVE ASSEMBLY AND SERVICE VALVES AT THIS LOCATION TO ALLOW FOR INSTALLATION OF PRE-HEATING WATER PUMPS AND HEAT EXCHANGER EQUIPMENT. CONTRACTOR SHALL MODIFY SERVICE AS REQUIRED TO COMPLY WITH FIRE SERVICE REQUIREMENTS PER NFPA 13 AND COORDINATE THIS WORK WITH THE VA COTR AND PLUMBING CONTRACTOR. FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID.

LEGEND

- F — F — EXISTING FIRE SPRINKLER PIPING
— F — F — NEW FIRE SPRINKLER PIPING

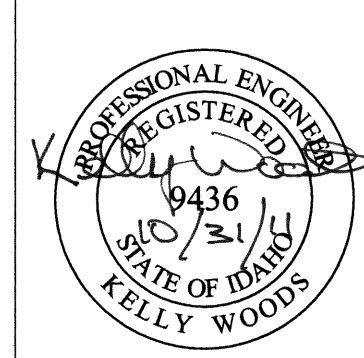


FIRST FLOOR KEY PLAN
NOT TO SCALE

FOR CONSTRUCTION

REVISIONS	DATE

POWER ENGINEERS
2041 South Cobalt Point Way
Meridian, Idaho 83642
208-288-6100



ZPA Architects and Planners, Chartered
565 W. Myrtle Street, Suite 225 Boise, Idaho 83702-7606

CAD FILE NAME:
531-317_FP21
XREF FILE NAME:
85A1FL
85A0FL
531-317_xVAbord

DRAWING TITLE
FIRST FLOOR
FIRE PROTECTION
DEMOLITION & REMODEL PLAN

APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE

APPROVED: MEDICAL CENTER DIRECTOR

PROJECT TITLE
REPLACE AND MODERNIZE
SURGERY / INTENSIVE
CARE UNIT

BUILDING NUMBER
85

LOCATION
VAMC BOISE, IDAHO

CHECKED
JB

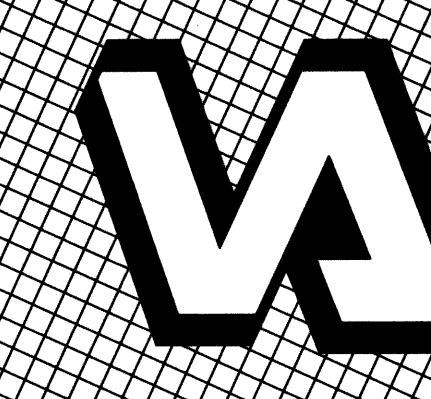
DRAWN
JA

DATE
11/01/2011

PROJECT NO.
531-317

DRAWING NO.
FP2.1

DWG 149 of 188



GENERAL SHEET NOTES

A. FIRE SPRINKLER SCOPE OF WORK:
PROVIDE MODIFICATIONS AND EXTENSIONS TO THE EXISTING WET PIPE SPRINKLER SYSTEMS TO FULLY PROTECT THE EXISTING STRUCTURE AND NEW CONSTRUCTION PER NFPA 13, 2010 REQUIREMENTS.

B. FIRE SPRINKLER NOTES:
1. EXISTING FIRE SYSTEM PIPING IS A SCHEMATIC REPRESENTATION BASED ON AVAILABLE AS-BUILT DOCUMENTS. CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF EXISTING CONDITIONS.

2. COORDINATE DRAIN AND INSPECTORS TEST VALVE LOCATIONS WITH ARCHITECT. PROVIDE ACCESS PANELS AT DRAIN AND TEST VALVE LOCATIONS IN FASCIA AND CANOPIES.

3. CONTRACTOR TO BRING ANY OBSERVED DAMAGE OR IMPROPER SPACING OF EXISTING PIPING AND SPRINKLERS NOTED TO THE ATTENTION OF THE ARCHITECT/ENGINEER TEAM.

4. COORDINATE ALL WORK WITH HAZARDOUS MATERIALS ABATEMENT CONTRACTOR, SEE PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.

5. IF SUSPECTED HAZARDOUS MATERIALS ARE ENCOUNTERED, STOP WORK AND NOTIFY OWNER'S REPRESENTATIVE.

C. FIRE SPRINKLER SYSTEM INSTALLATION NOTES:
MODIFY AND ADD PIPING TO EXTEND WET PIPE SYSTEMS TO PROTECT NEW CONSTRUCTION AND REMODEL AREAS. CONNECT NEW WET PIPE SYSTEM EXTENSIONS TO EXISTING SPRINKLER PIPING AS INDICATED.

1. ALL NEW FIRE PROTECTION TO BE DESIGNED PER NFPA 13, 2010 EDITION. MECHANICAL PENTHOUSE, ELECTRICAL AND MECHANICAL ROOMS, AND STORAGE AREAS TO BE DESIGNED FOR ORDINARY HAZARD GROUP 1. DESIGN PER LIGHT HAZARD OCCUPANCY IN OTHER AREAS.

2. NEW FIRE SPRINKLER PIPING IS TO BE INSTALLED ABOVE NEW CEILINGS UNLESS NOTED OTHERWISE.

3. PROVIDE NEW FIRE SPRINKLER PROTECTION IN SHELL SPACES AT 120' SPACING.

4. PROVISIONS TO BE MADE FOR FUTURE EXPANSION OF SPRINKLER SYSTEM INTO ADDITIONAL AREAS.

5. NEW SPRINKLERS TO BE QUICK RESPONSE WHITE SEMI-RECESSED IN AREAS OF FINISH CEILINGS.

6. NON-COMBUSTIBLE CONSTRUCTION ABOVE CEILINGS, NO PROTECTION ABOVE CEILINGS REQUIRED.

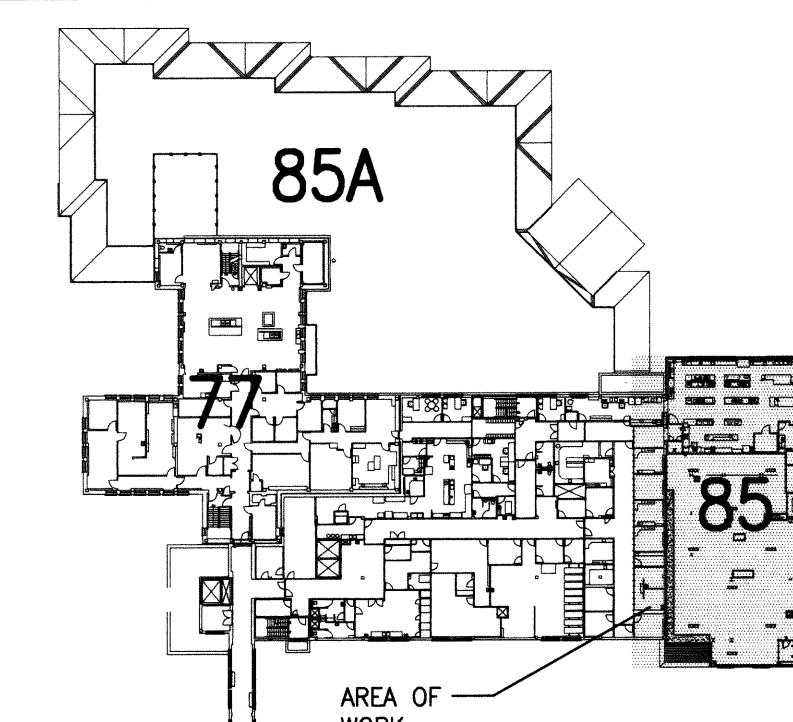
7. INCLUDE CUTTING AND PATCHING FOR ALL NEW PIPING AT ALL WALLS. PROVIDE FIRE CAULKING AT FLOOR PENETRATIONS AND AT ALL RATED WALLS.

SHEET KEYNOTES

1. EXISTING SECOND FLOOR CONTROL VALVE.
2. EXISTING FIRE MAIN.
3. TIE INTO EXISTING 2 1/2" FIRE MAIN WITH NEW FIRE SERVICE AT THIS LOCATION.
4. NEW LOOPED FIRE MAIN FOR SECOND FLOOR EXPANSION.

LEGEND

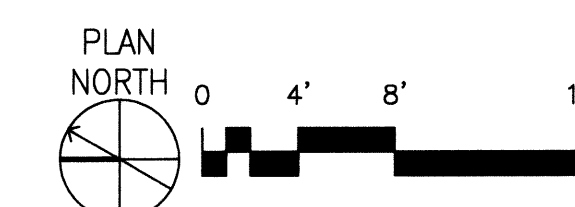
— F — F — EXISTING FIRE SPRINKLER PIPING
— F — F — NEW FIRE SPRINKLER PIPING



SECOND FLOOR KEY PLAN
NOT TO SCALE

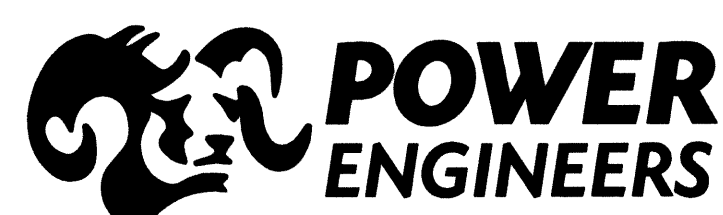
FOR CONSTRUCTION

FP2 BUILDING 85 - SECOND FLOOR FIRE PROTECTION REMODEL PLAN
SCALE: 1/8" = 1'-0"

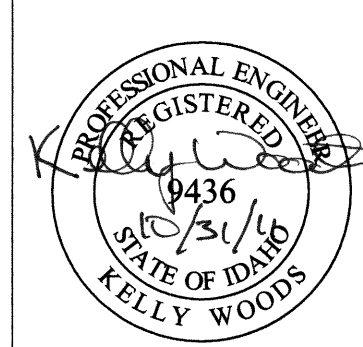


REVISIONS

DATE



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565 W. Myrtle Street, Suite 225 Boise, Idaho 83702-7606

CAD FILE NAME:
531-317_FP22
XREF FILE NAME:
85A2FL
531-317_xvAboard

DRAWING TITLE
SECOND FLOOR
FIRE PROTECTION
REMODEL PLAN

APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE

APPROVED: MEDICAL CENTER DIRECTOR

PROJECT TITLE
REPLACE AND MODERNIZE
SURGERY / INTENSIVE
CARE UNIT

BUILDING NUMBER
85

LOCATION
VAMC BOISE, IDAHO

CHECKED
JB

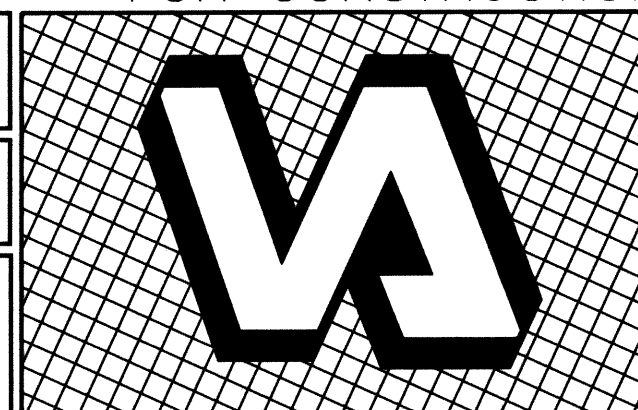
DRAWN
JA

DATE
11/01/2011

PROJECT NO.
531-317

DRAWING NO.
FP2.2

DWG 150 OF 188



DEPARTMENT OF VETERANS AFFAIRS